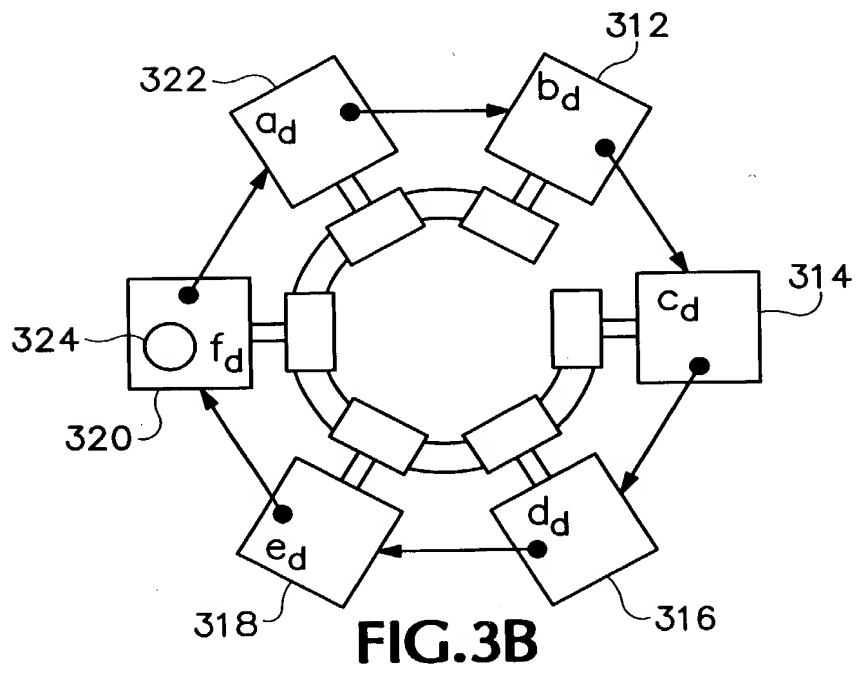
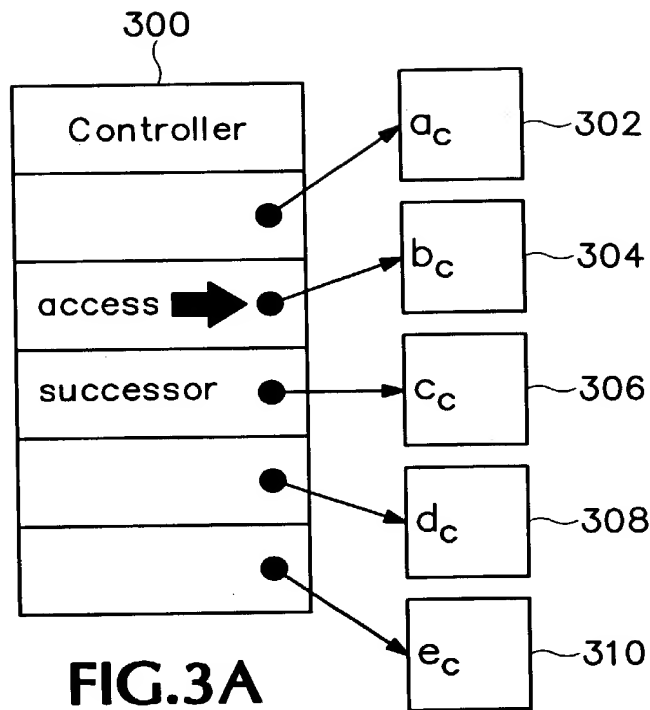
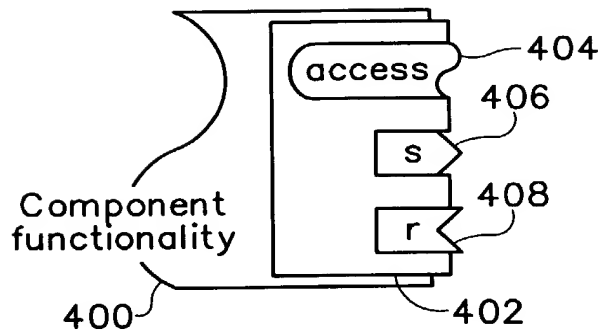


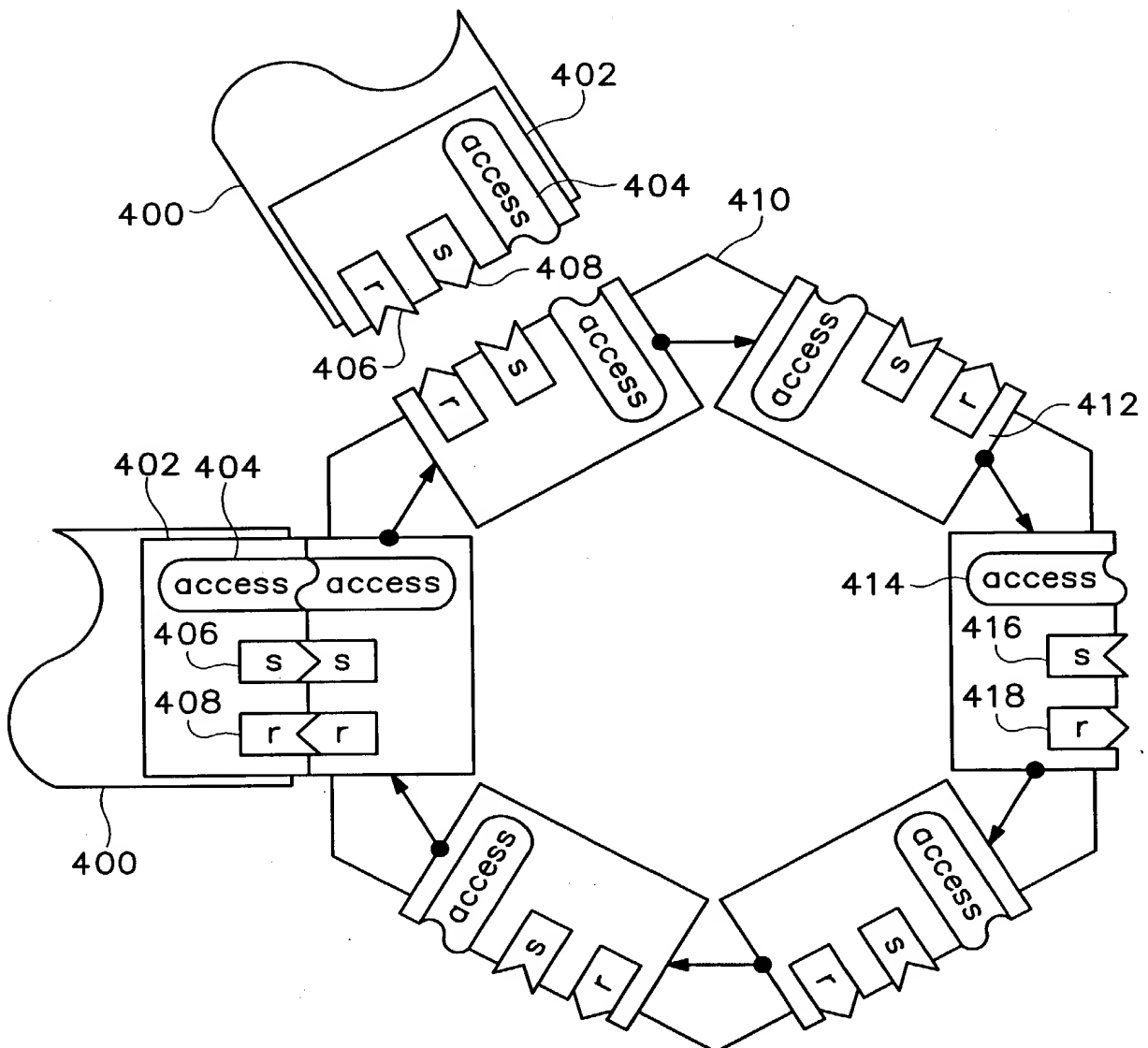
The diagram shows a large rectangle labeled 100, representing a component. Inside this rectangle, the text "Component X" is centered. To the left of the rectangle is a vertical strip labeled 200, and to the right is a vertical strip labeled 206. Below the left strip is a horizontal strip labeled 202. Inside the main rectangle 100, there are three nested rounded rectangles labeled "Mode 1", "Mode 2", and "Mode 3" from left to right. Each mode is labeled with 102. Inside the "Mode 3" rectangle, there is a stack of three overlapping rectangles, each labeled 104. The topmost rectangle in the stack contains the text "@ a" and "gen c".

**FIG.2**

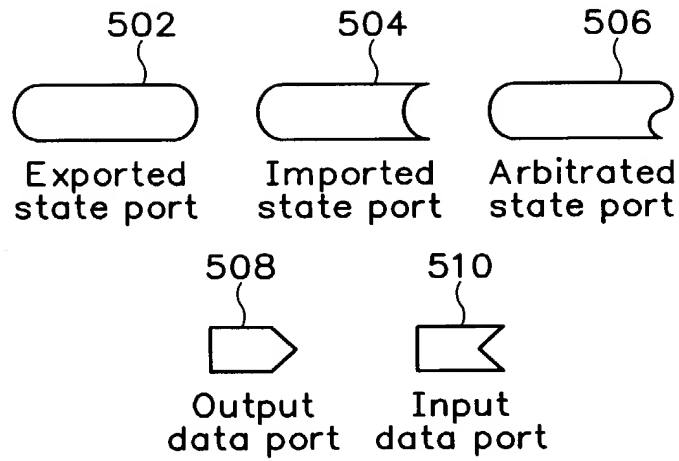
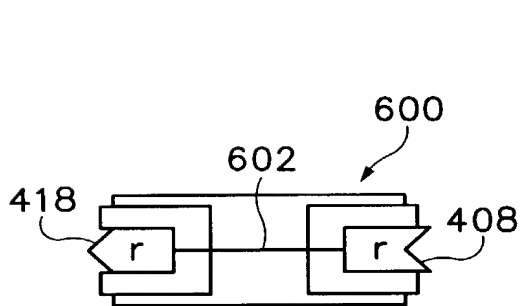
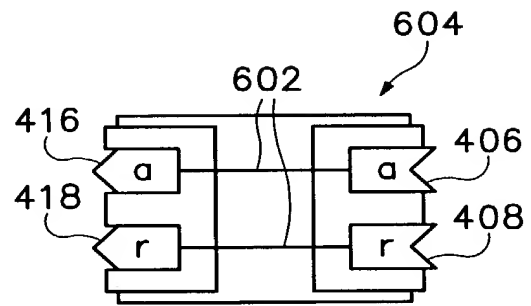
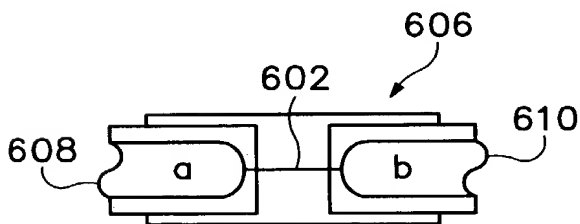
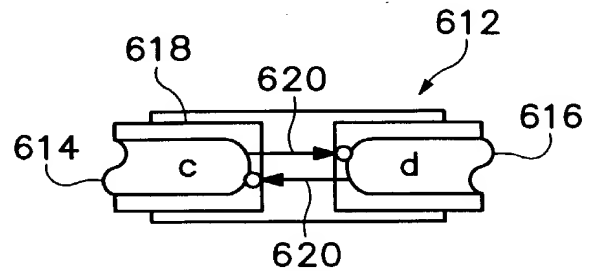


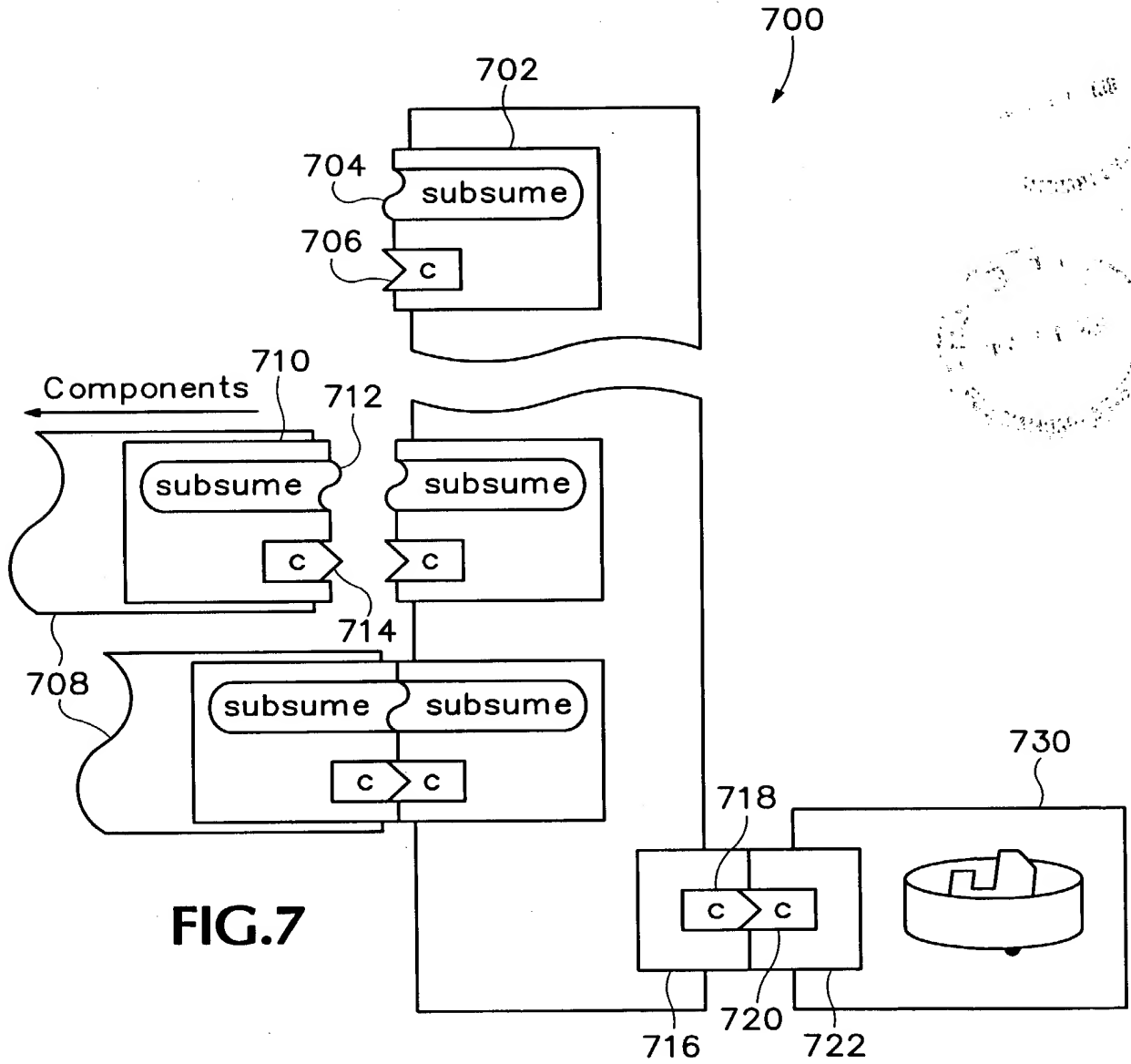


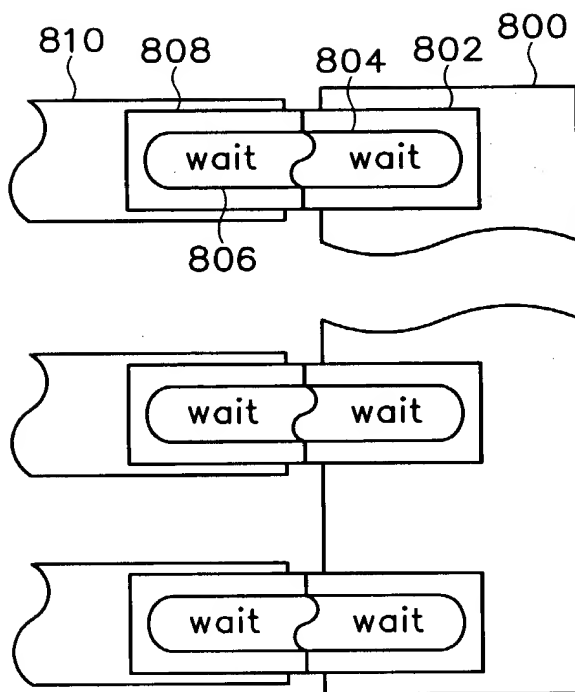
**FIG. 4A**



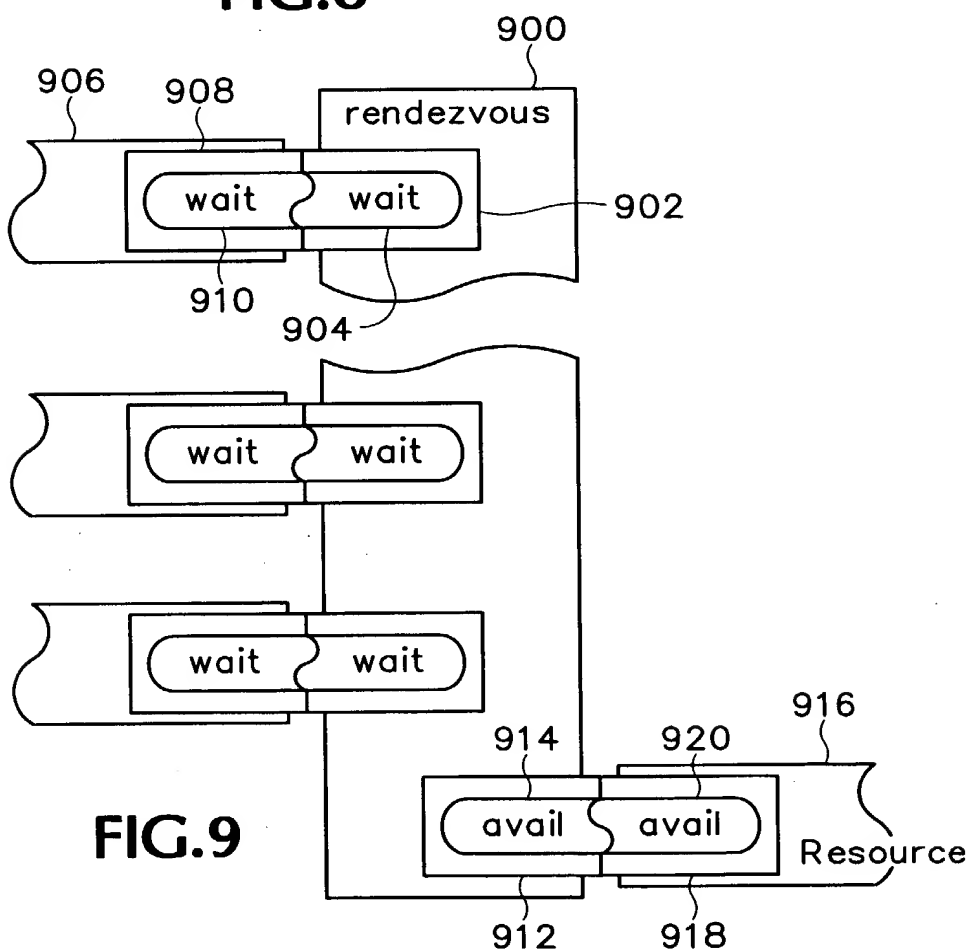
**FIG. 4B**

**FIG. 5****FIG. 6A****FIG. 6B****FIG. 6C****FIG. 6D**





**FIG.8**



**FIG.9**

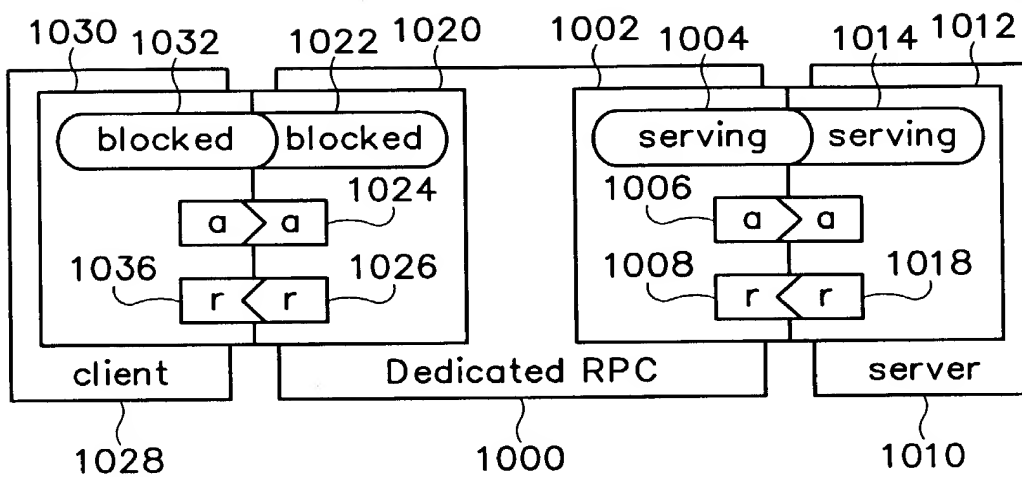


FIG.10

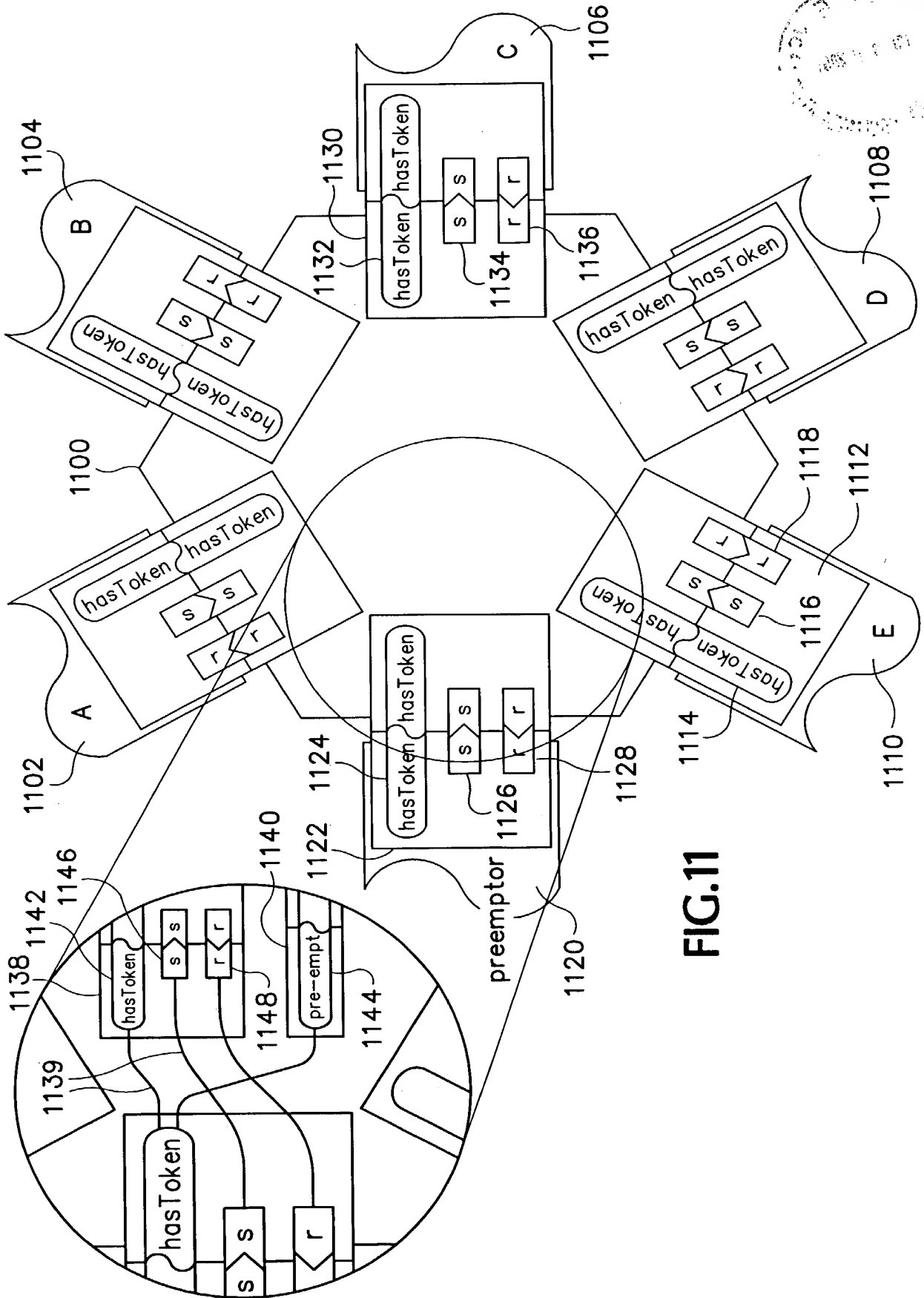
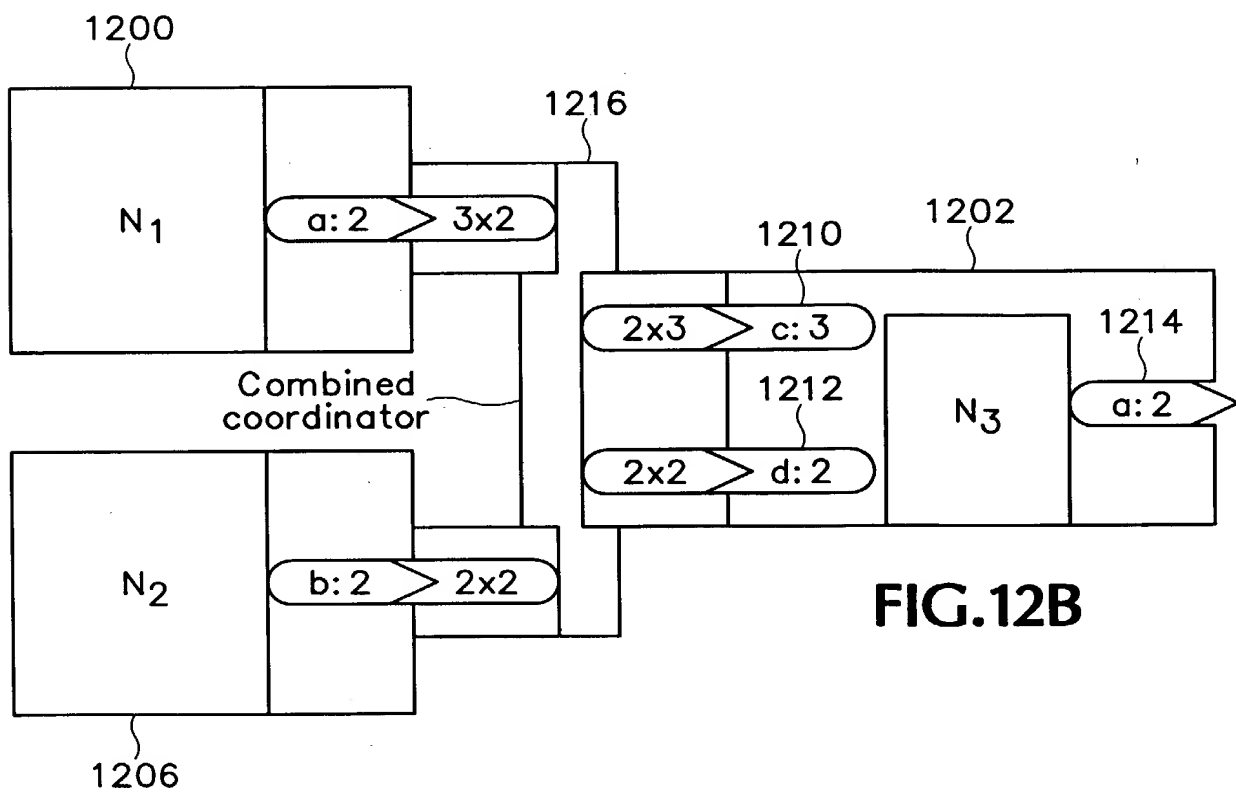
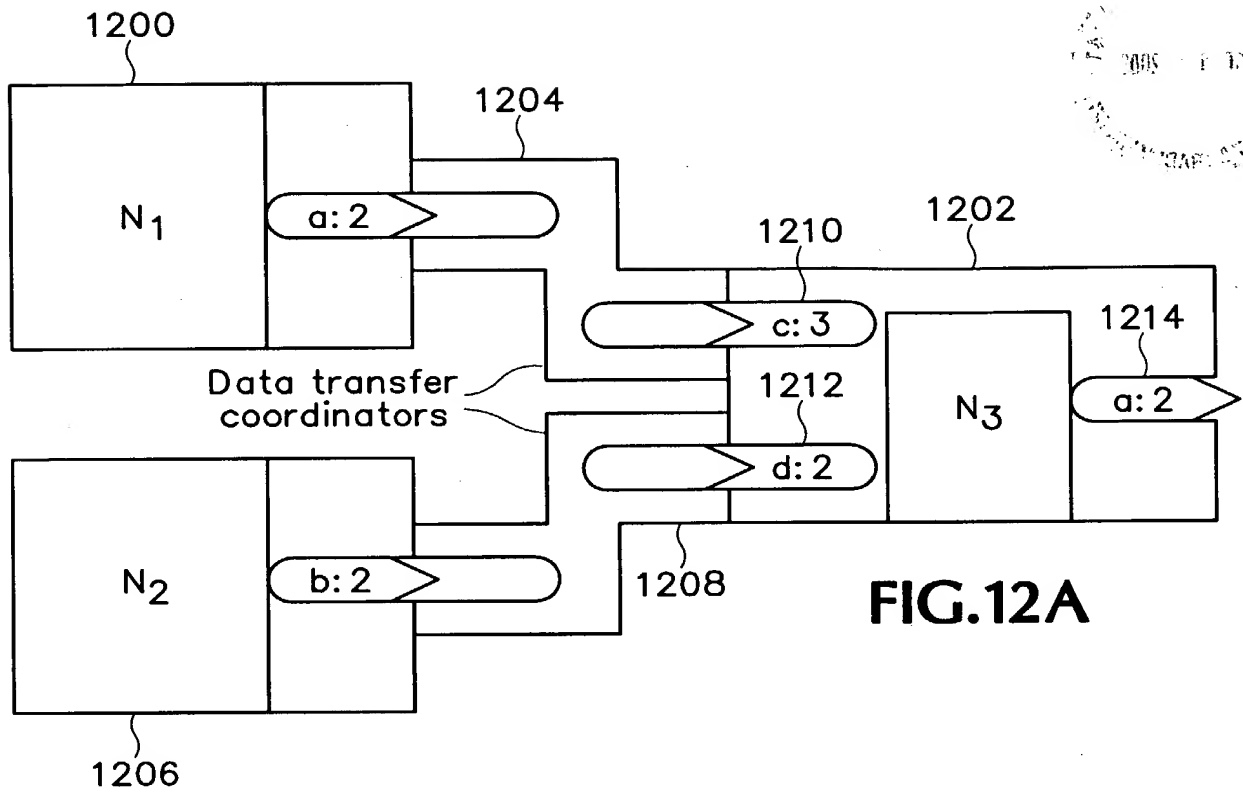
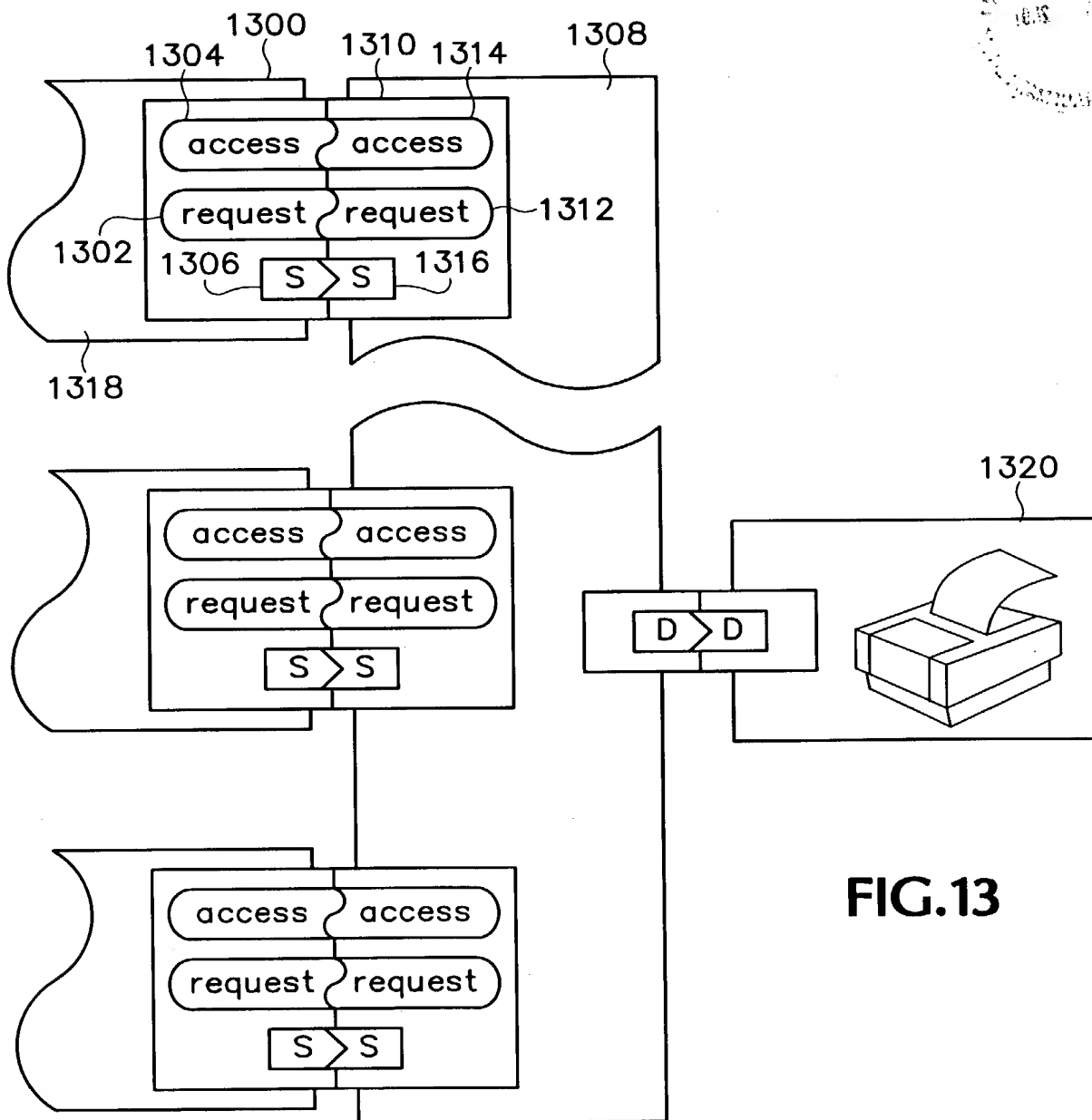


FIG.11







**FIG.13**

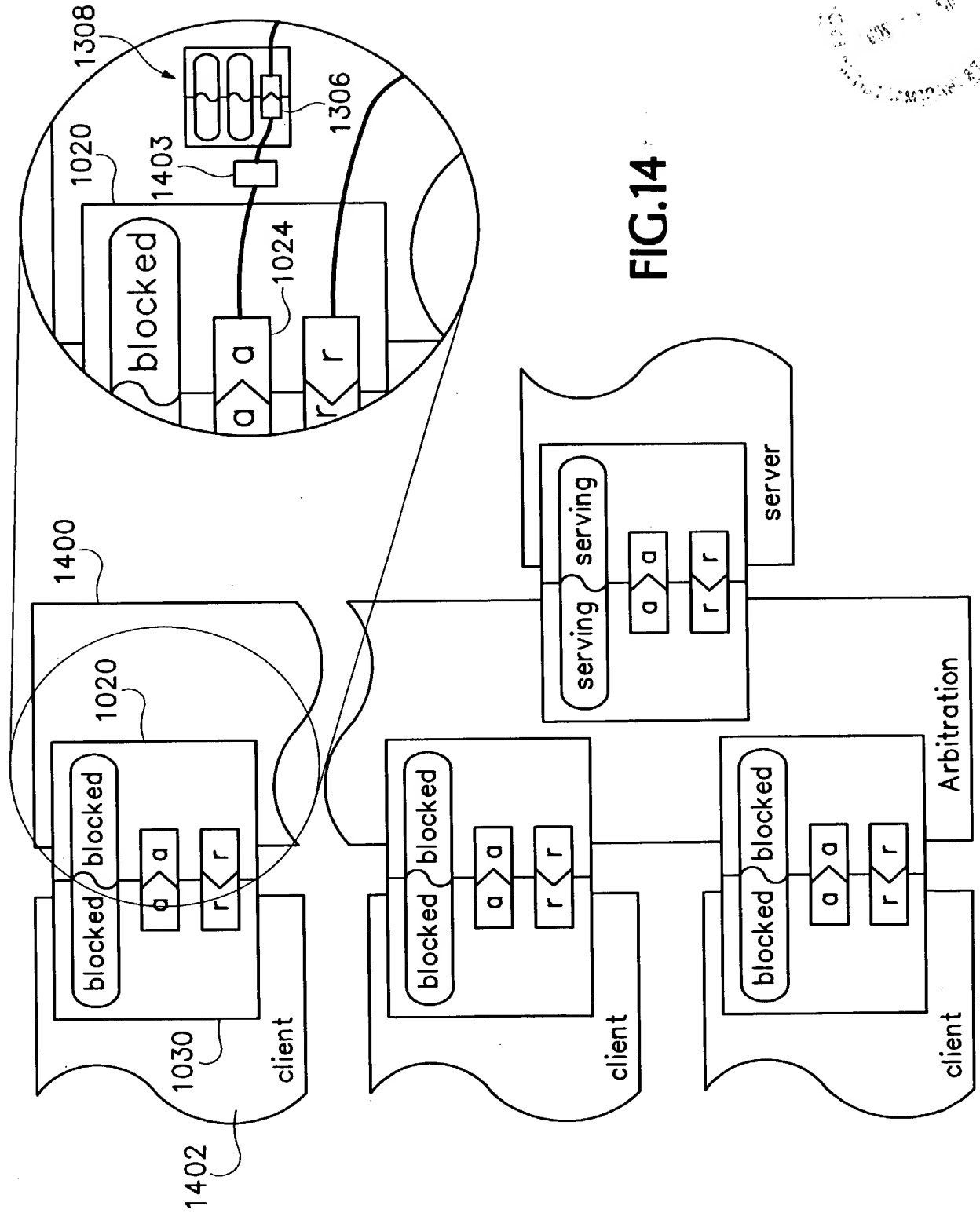


FIG. 14

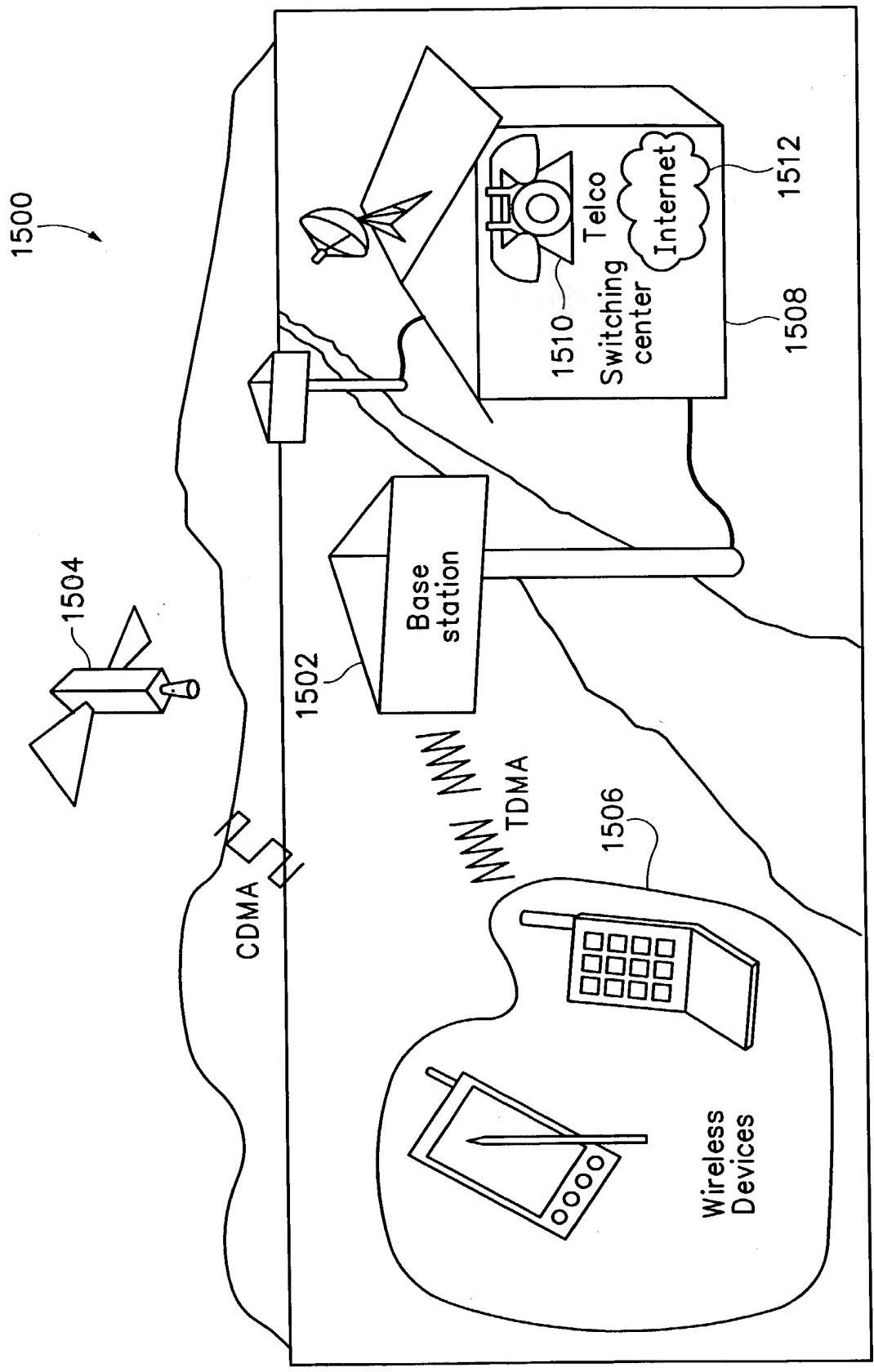
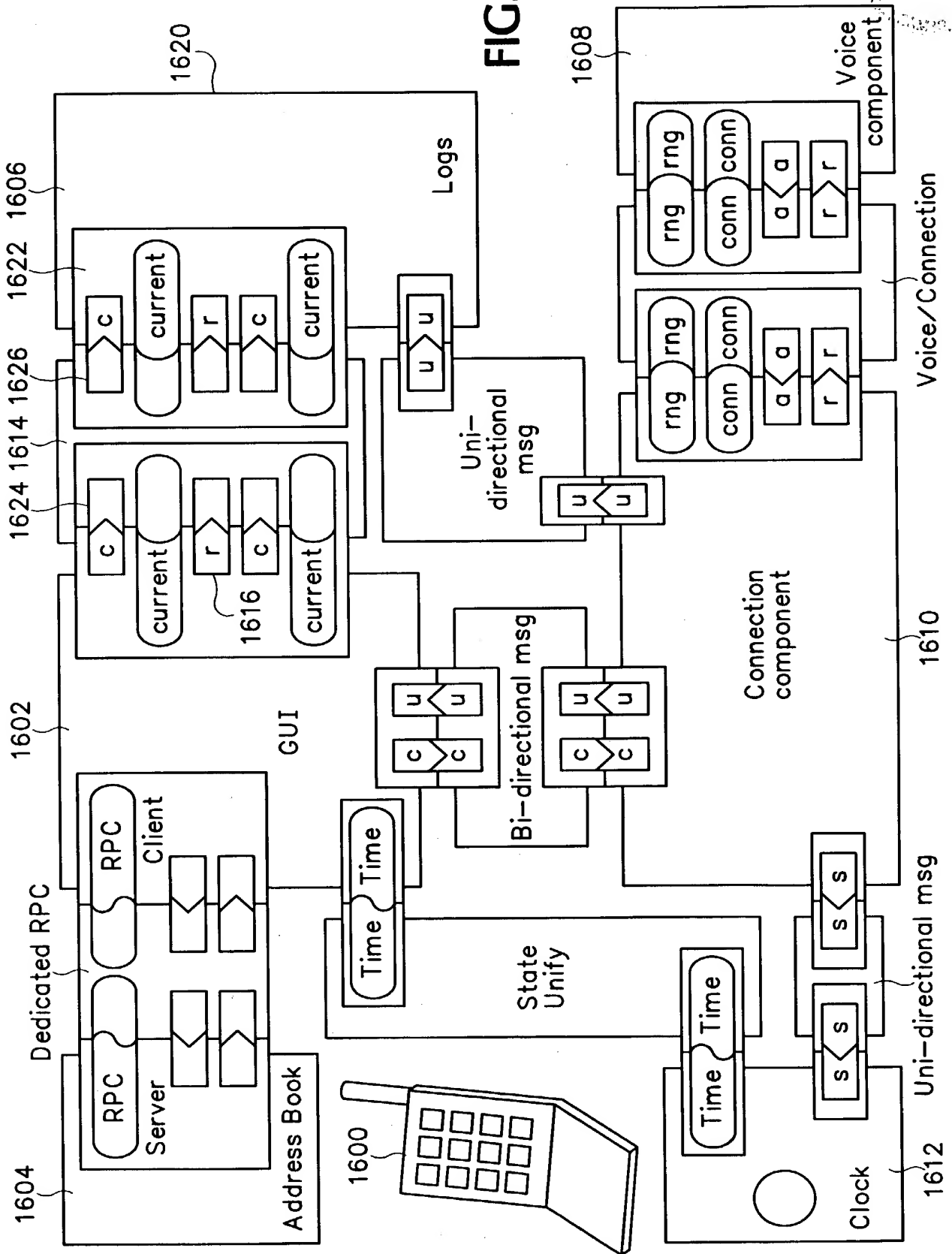
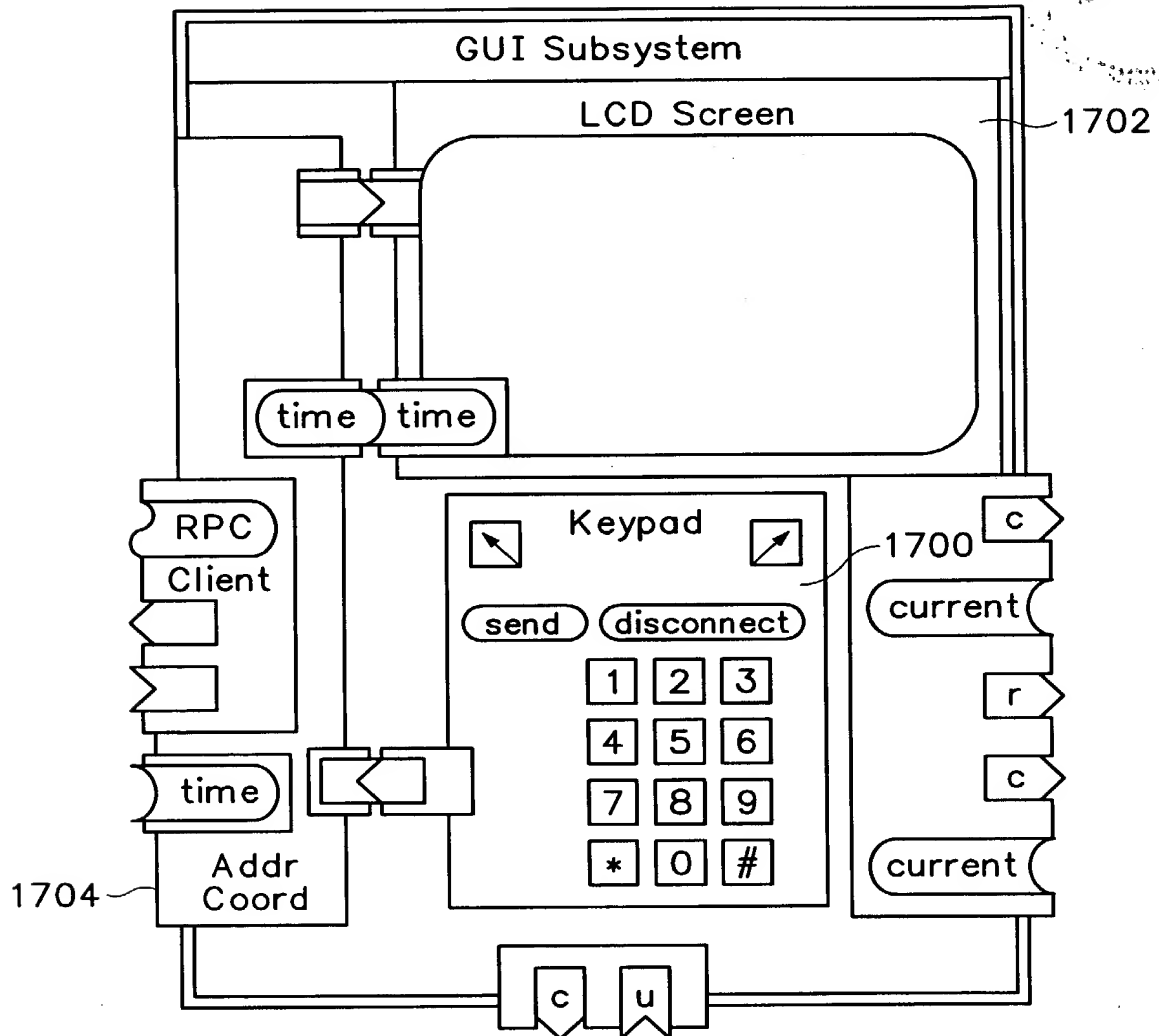


FIG.15



**FIG. 16**



**FIG.17 A**

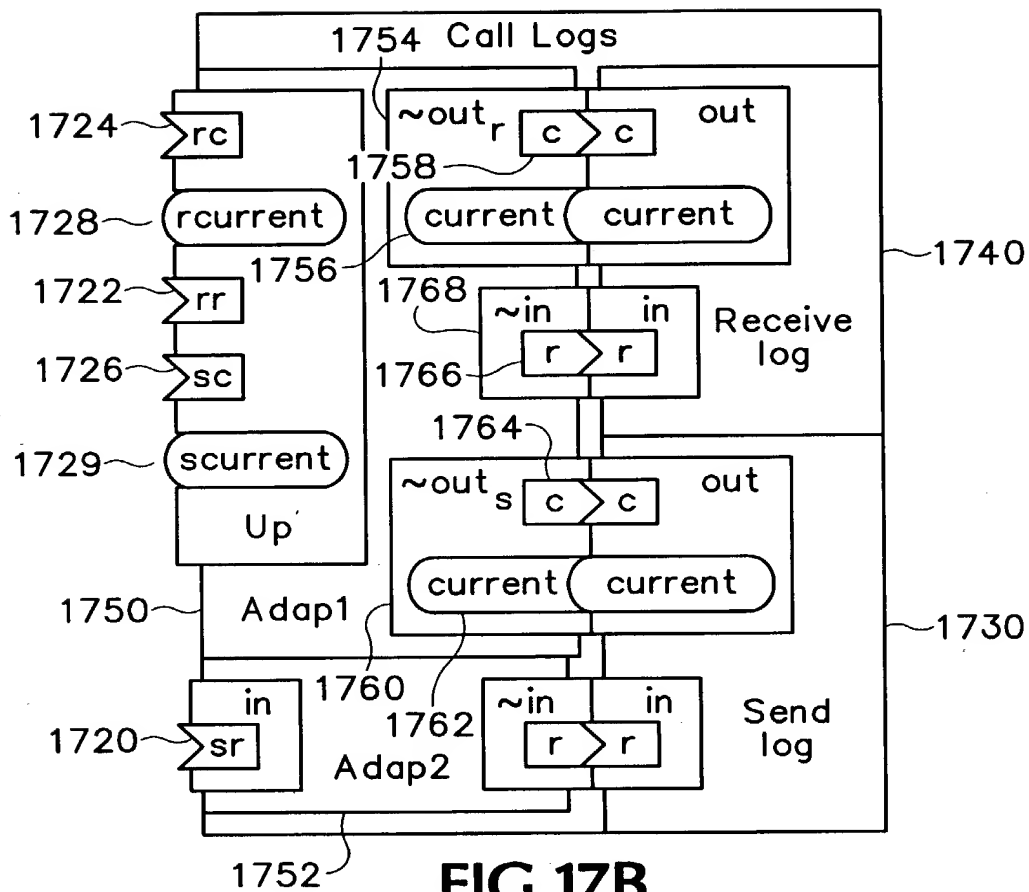
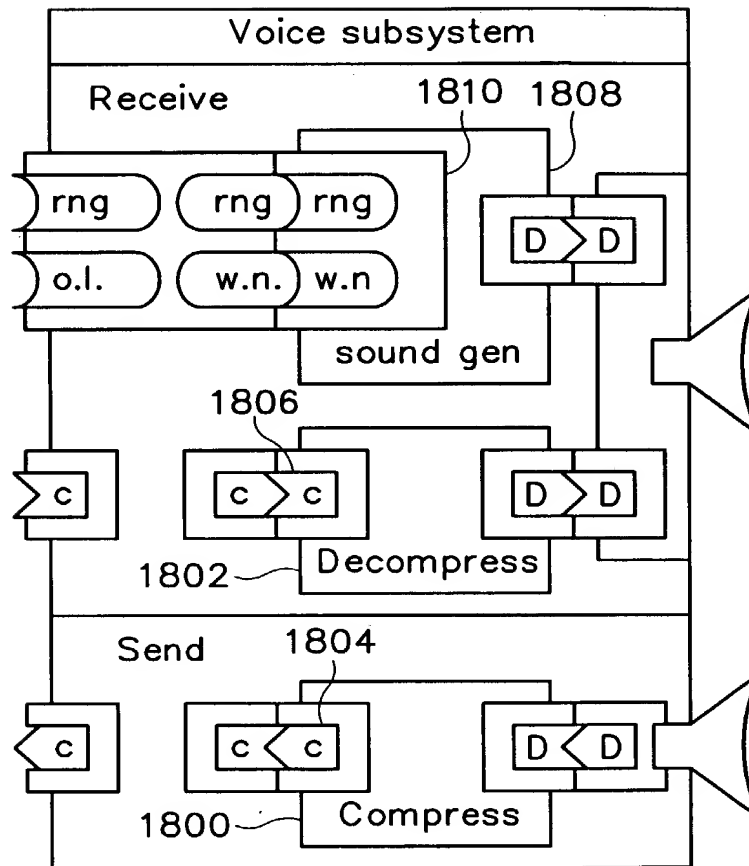


FIG.17B

**FIG.18A**



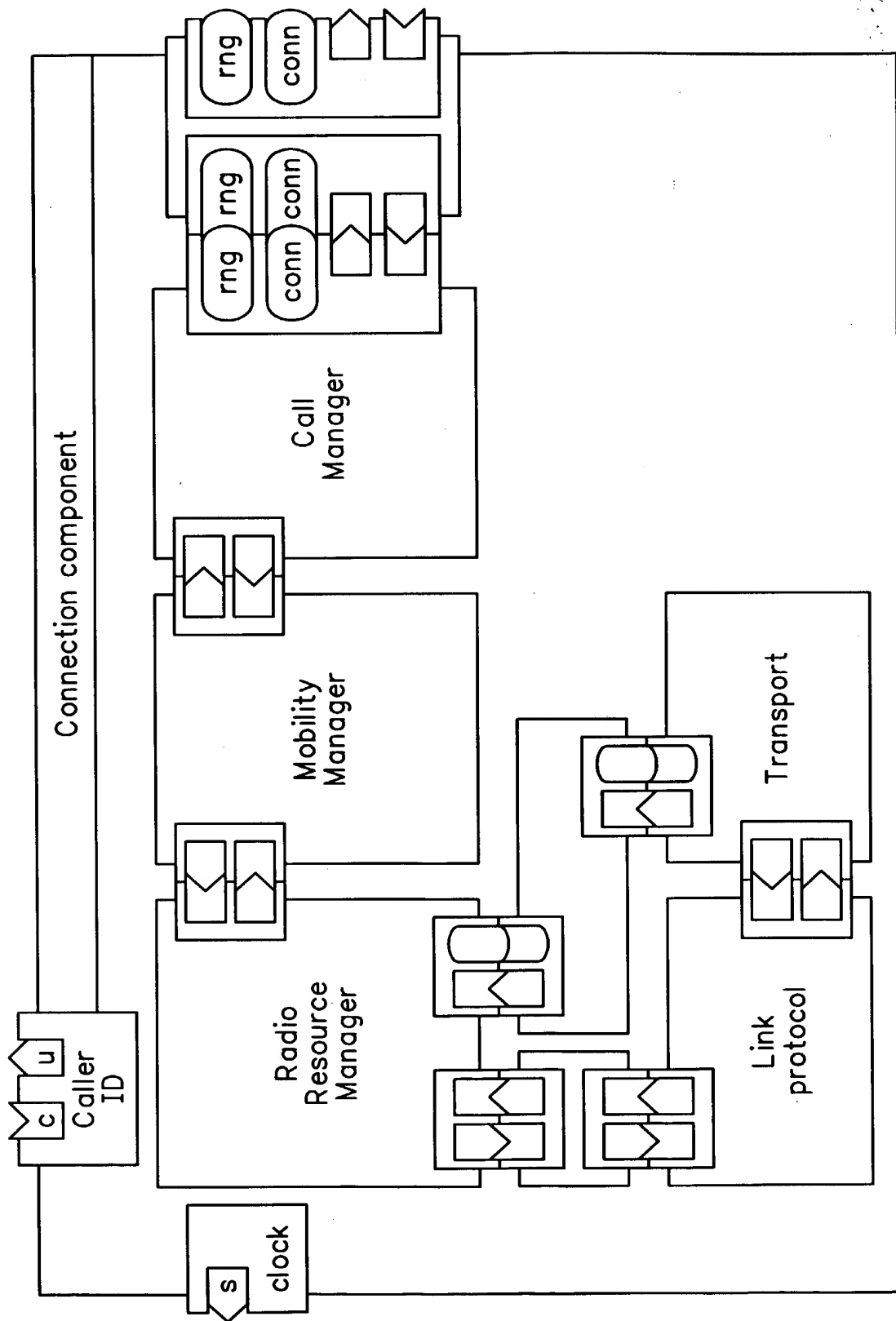


FIG.18B

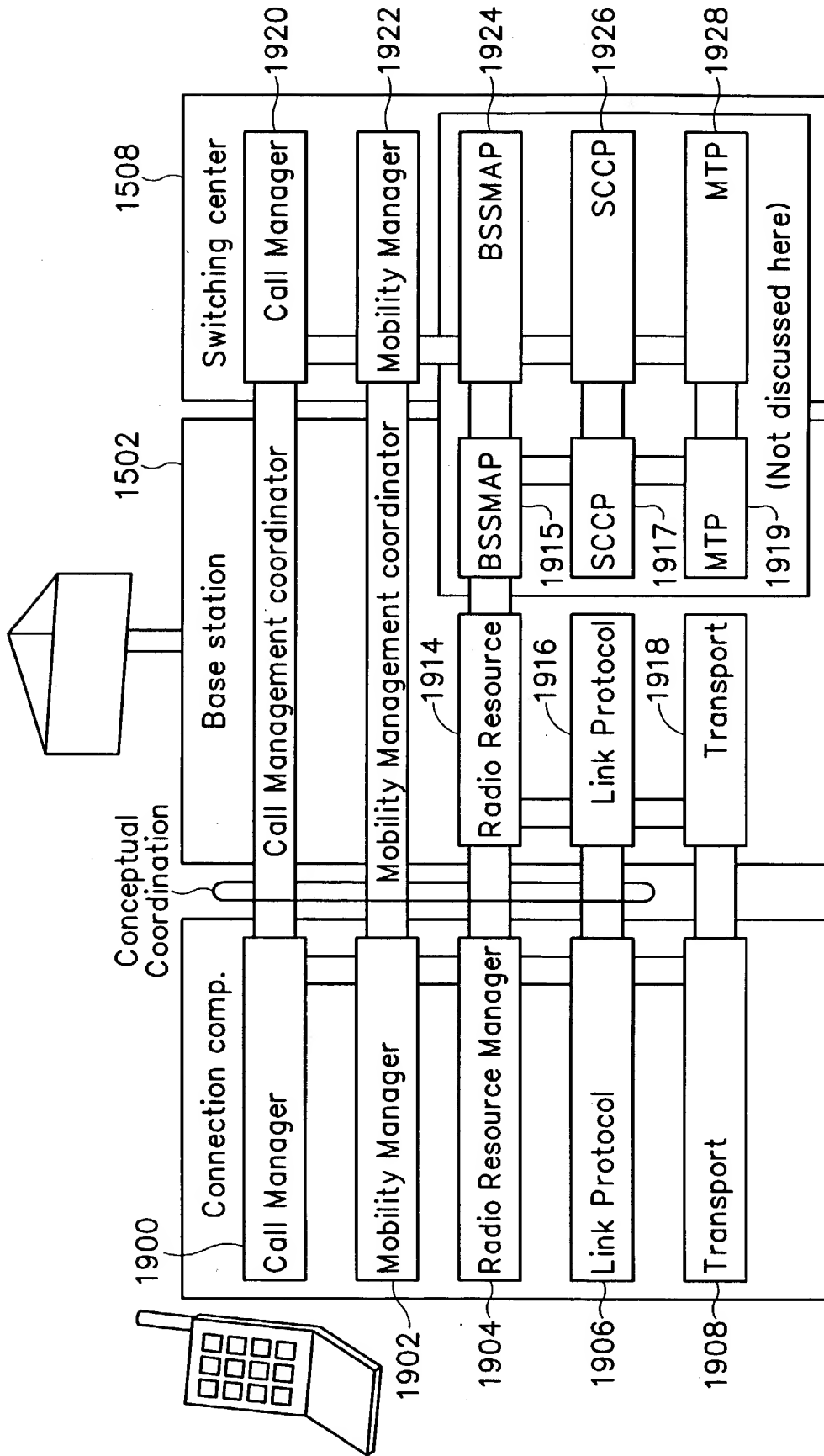


FIG.19

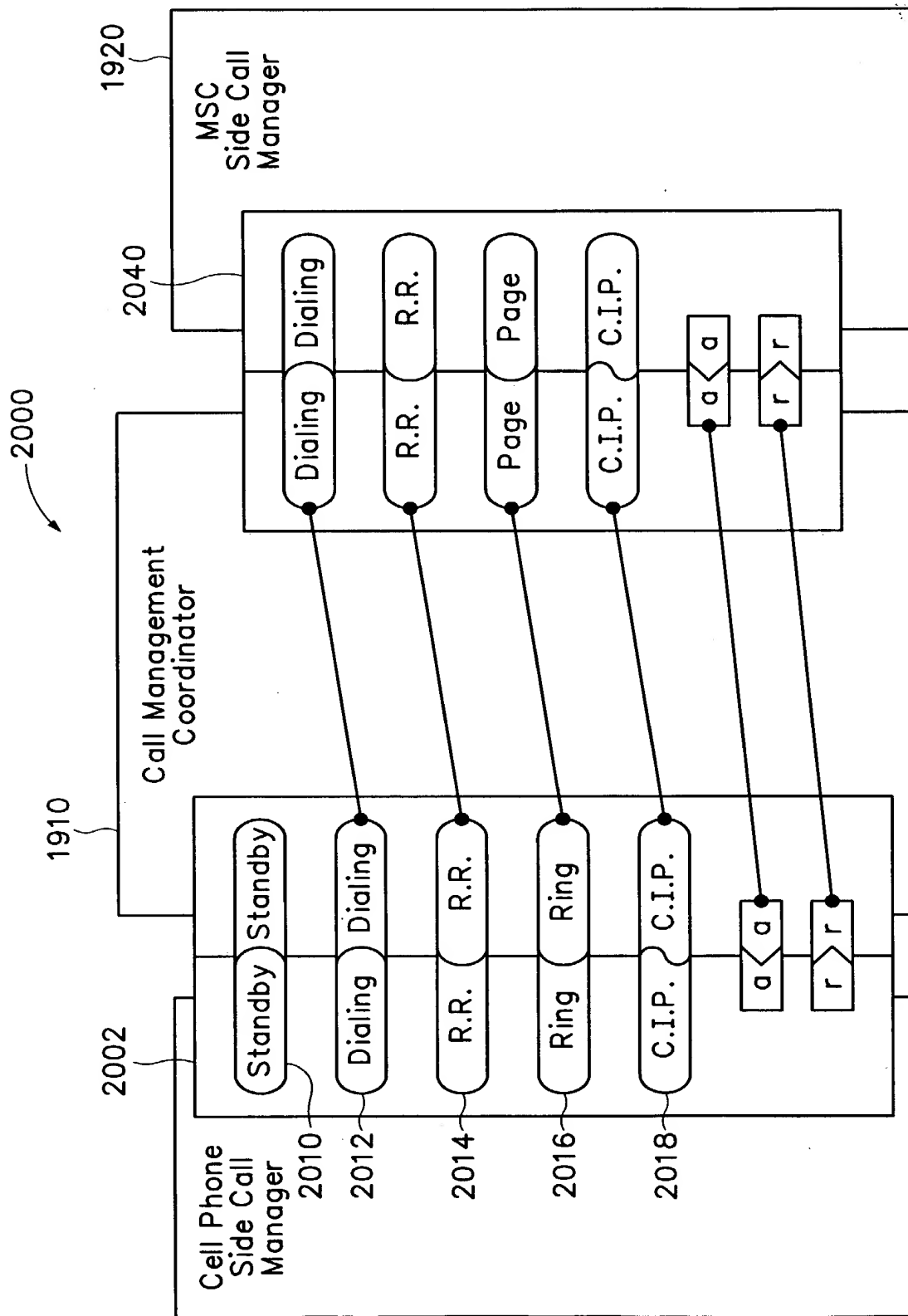


FIG.20

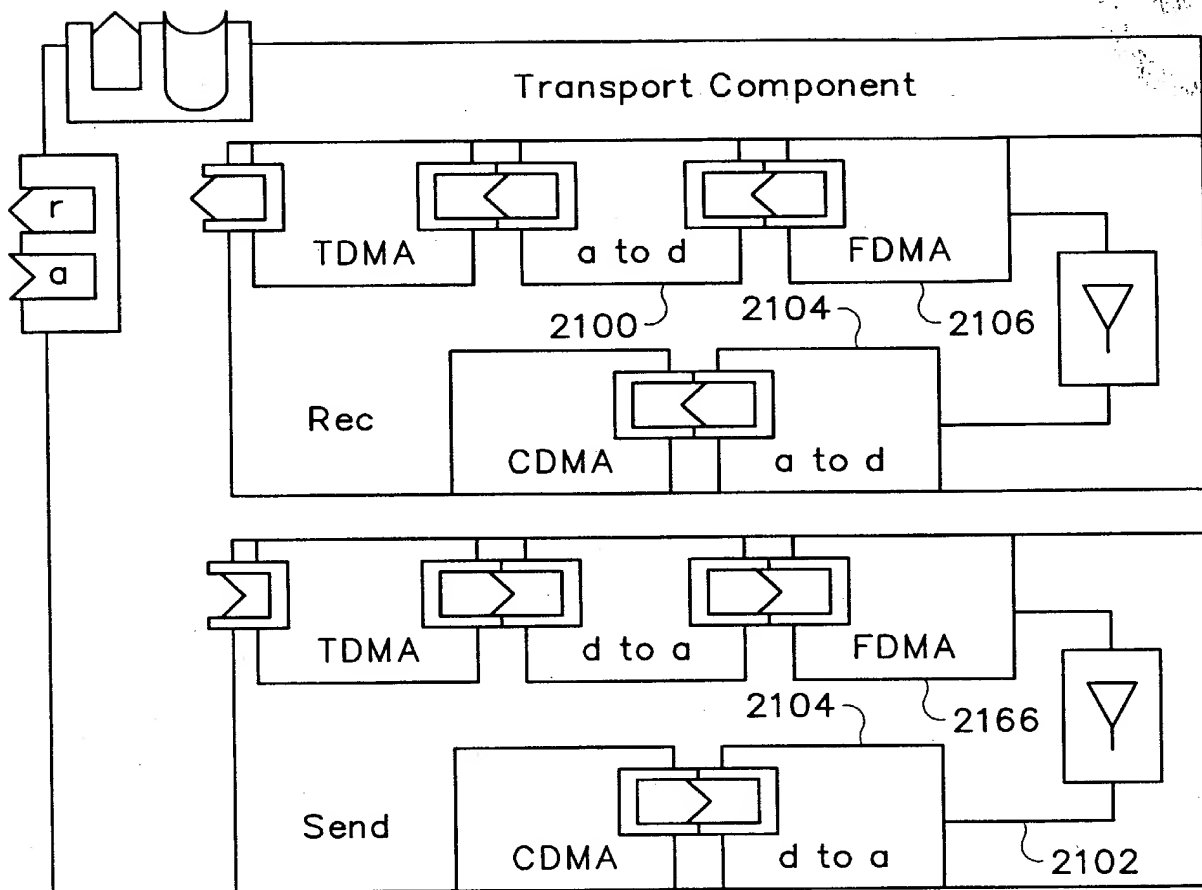


FIG.21A

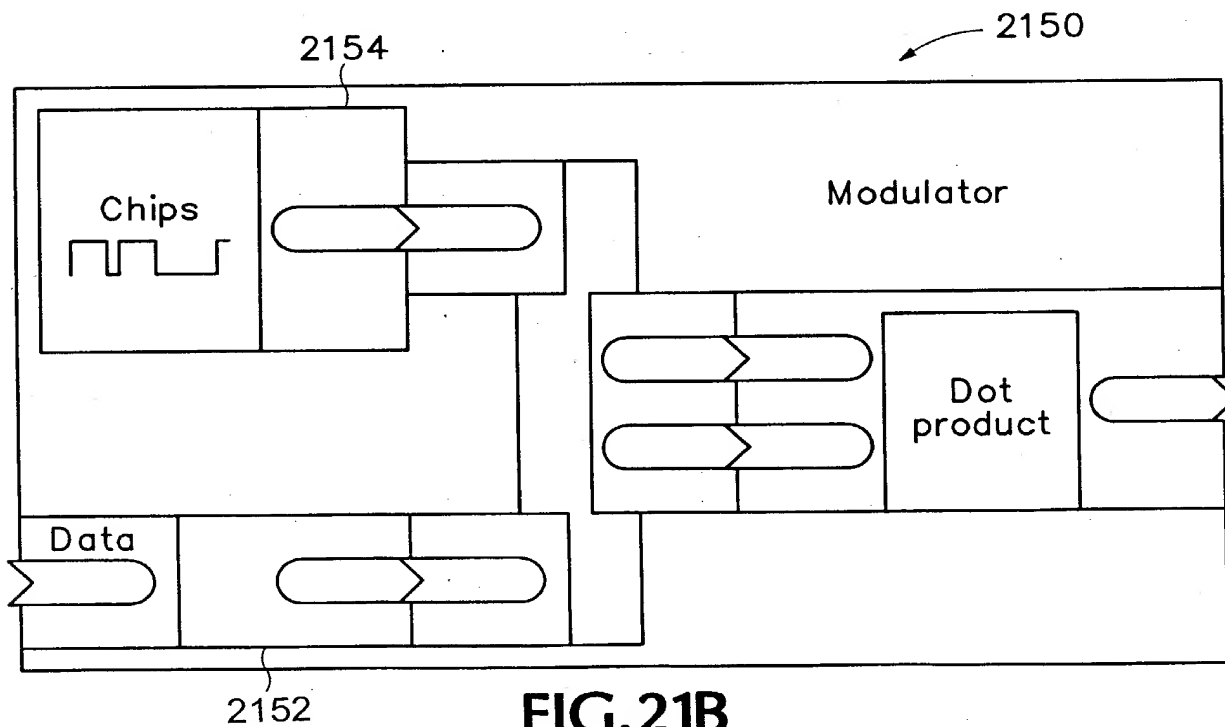
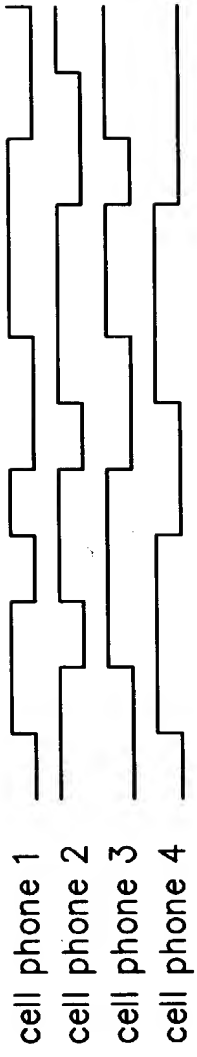
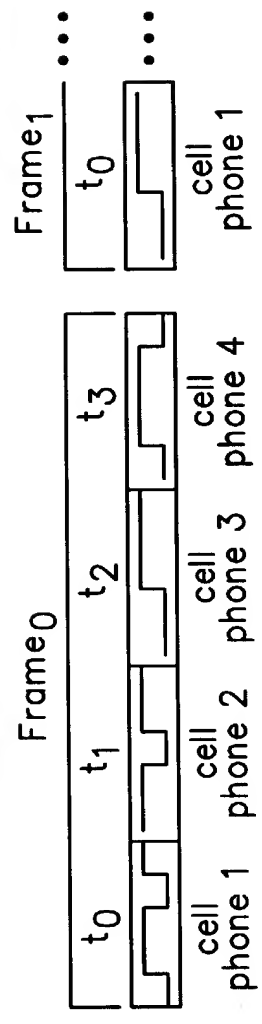


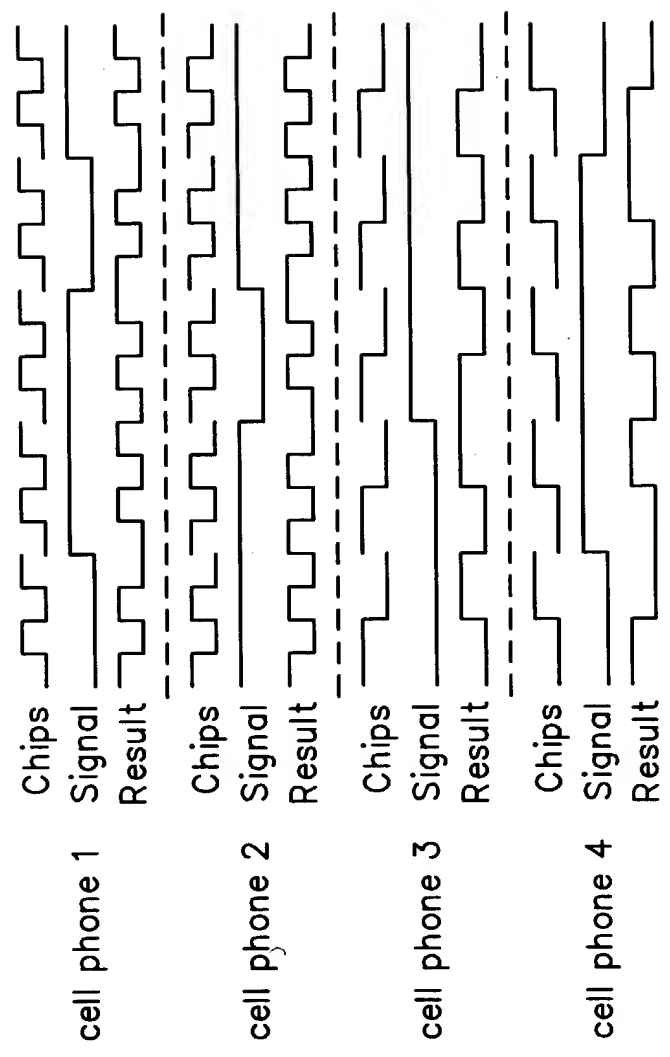
FIG.21B



Signals



TDMA

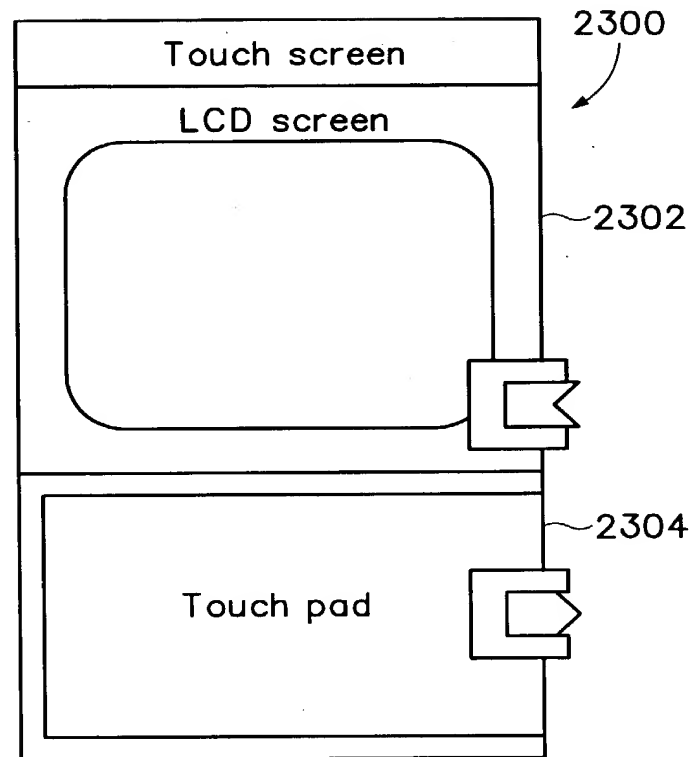
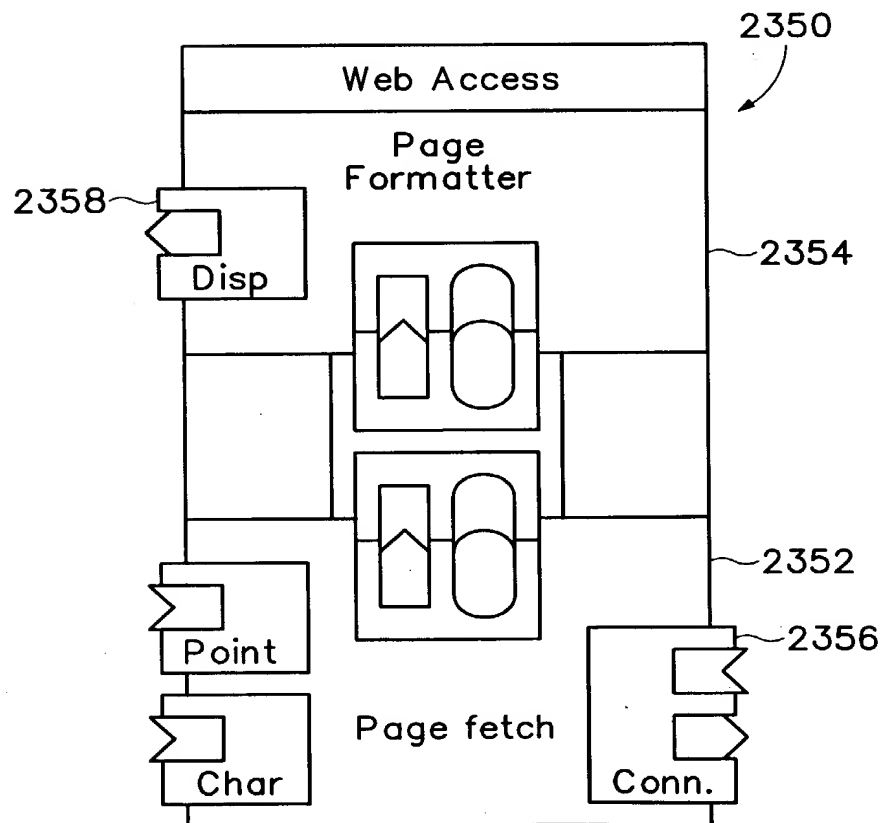


CDMA

FIG.22

09885448 101901



**FIG. 23A****FIG. 23B**

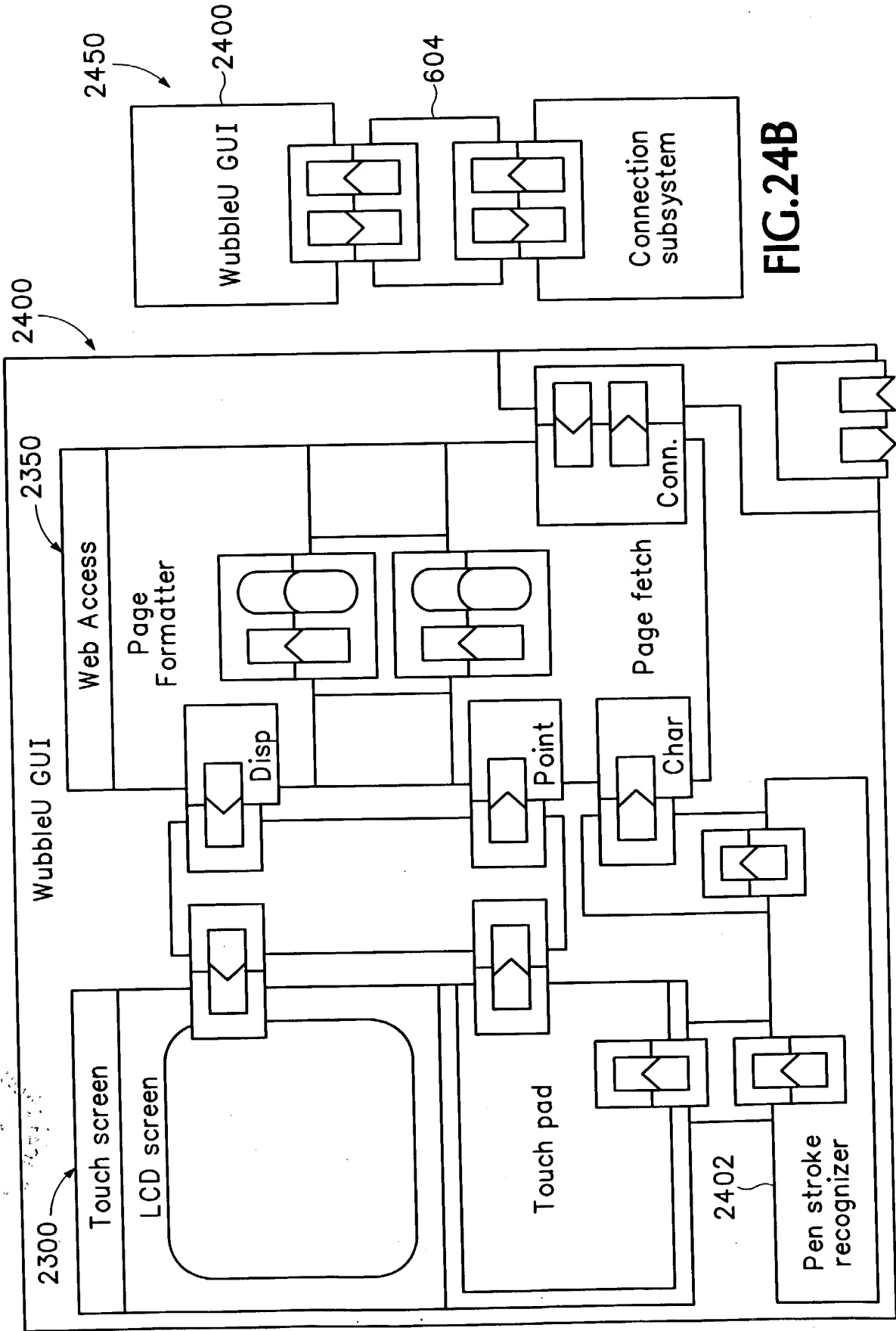
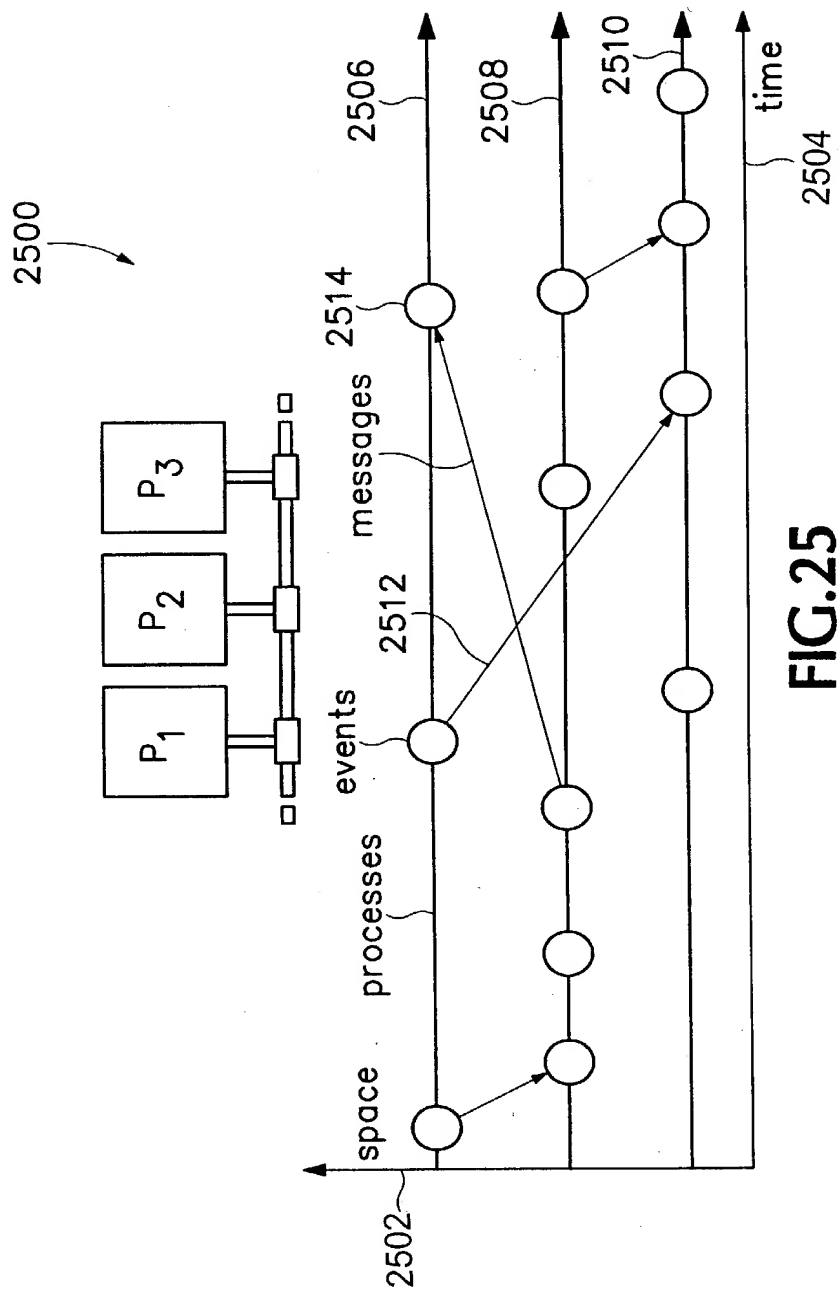


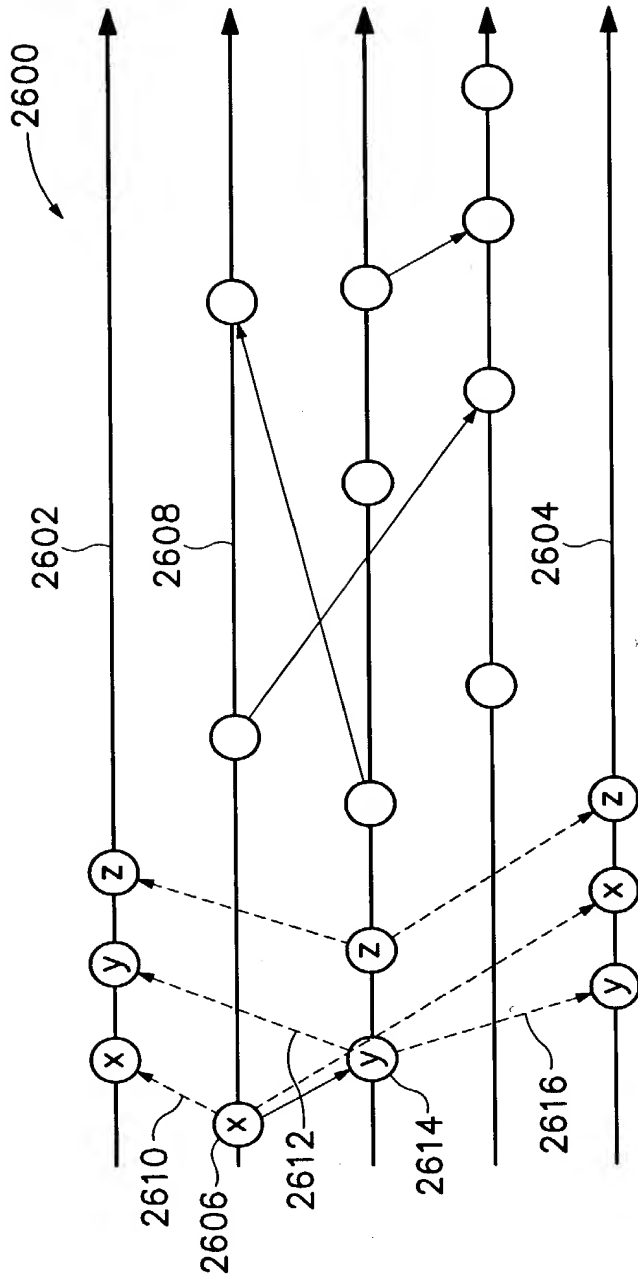
FIG.24B

FIG.24A

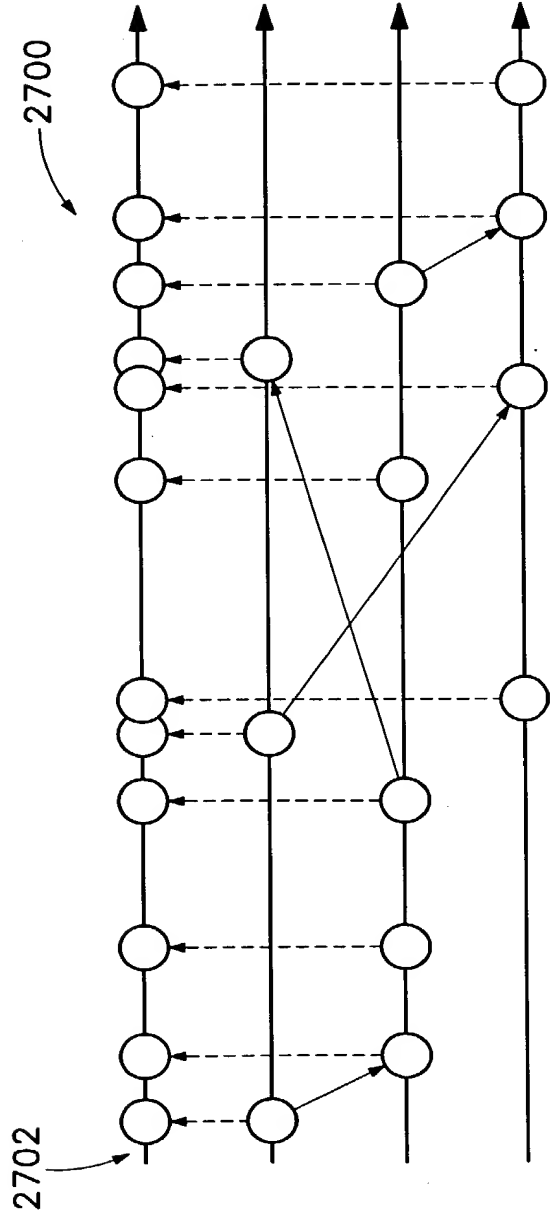


**FIG.25**  
(PRIOR ART)



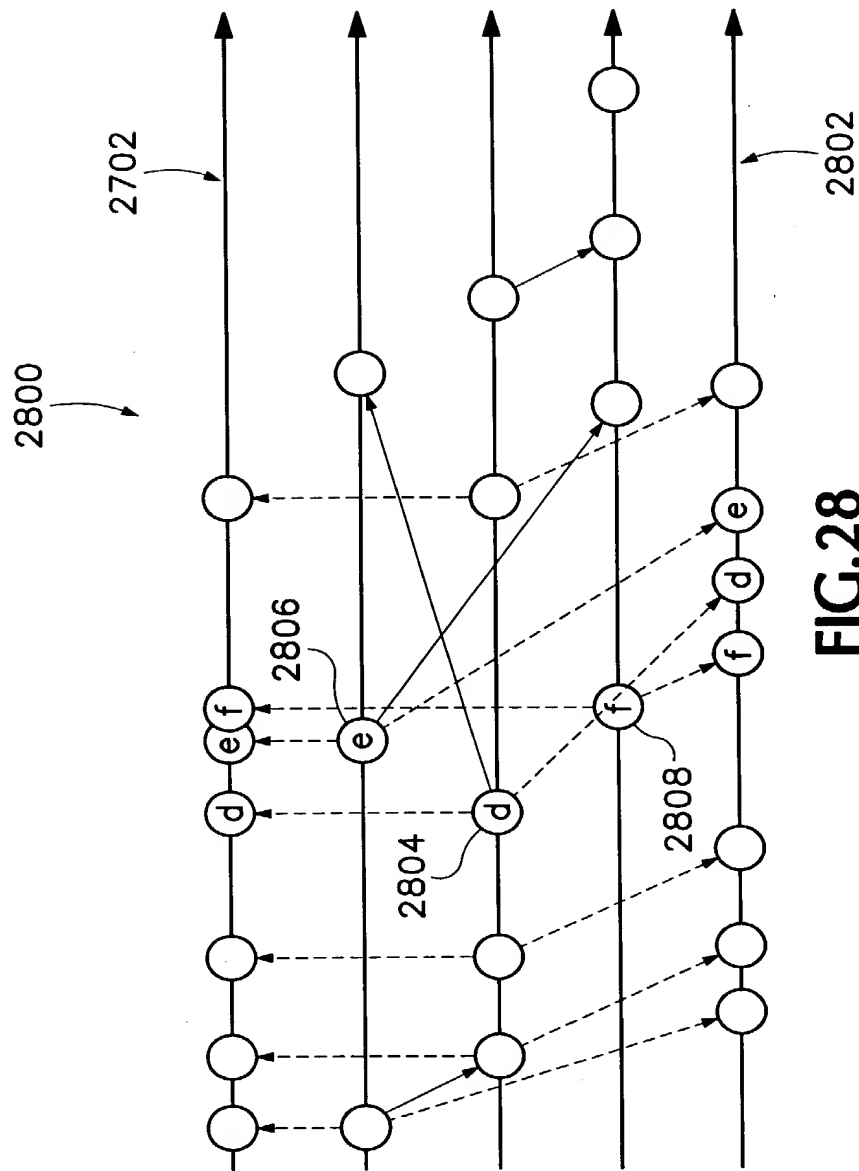


**FIG.26**  
**(PRIOR ART)**

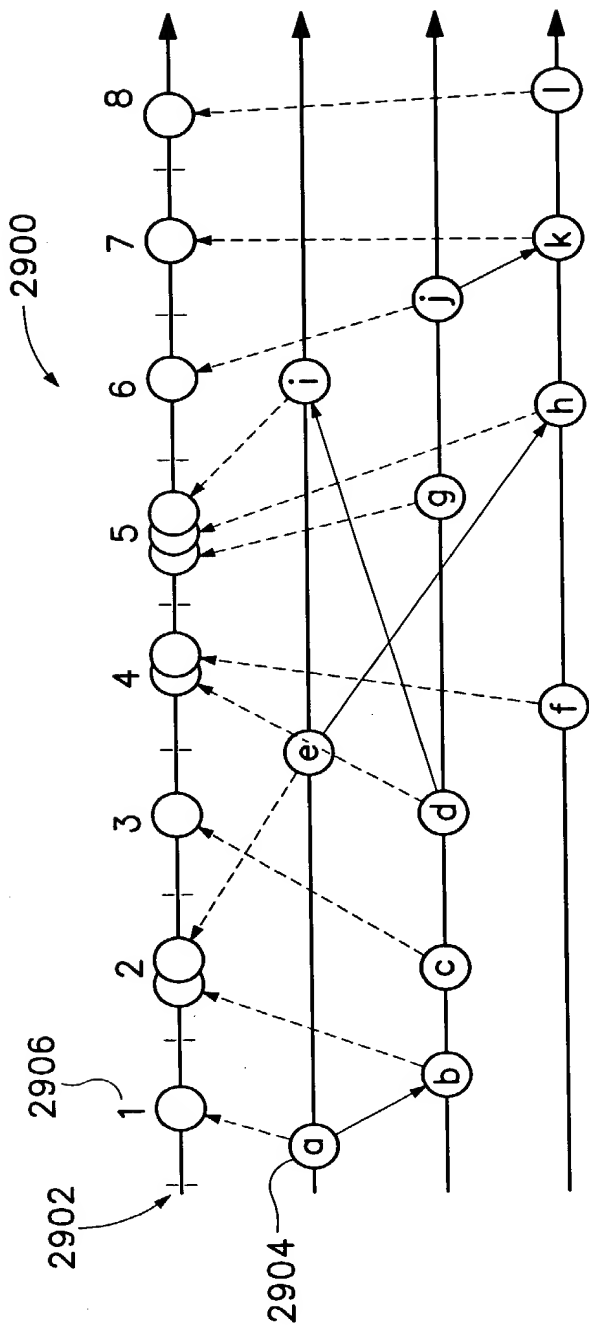


**FIG.27**  
**(PRIOR ART)**



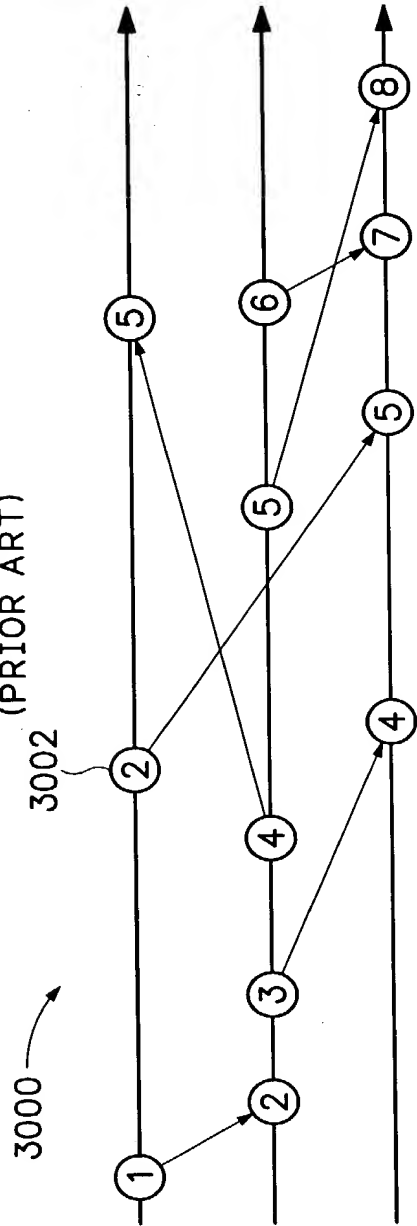


**FIG.28**  
(PRIOR ART)



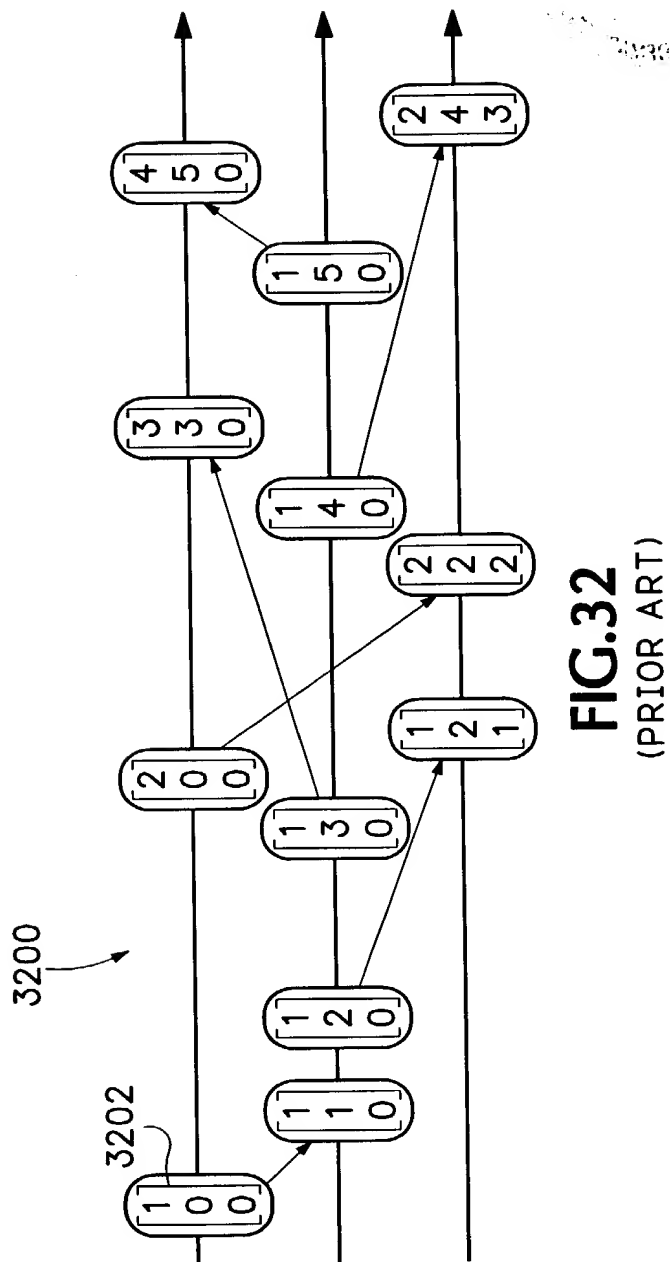
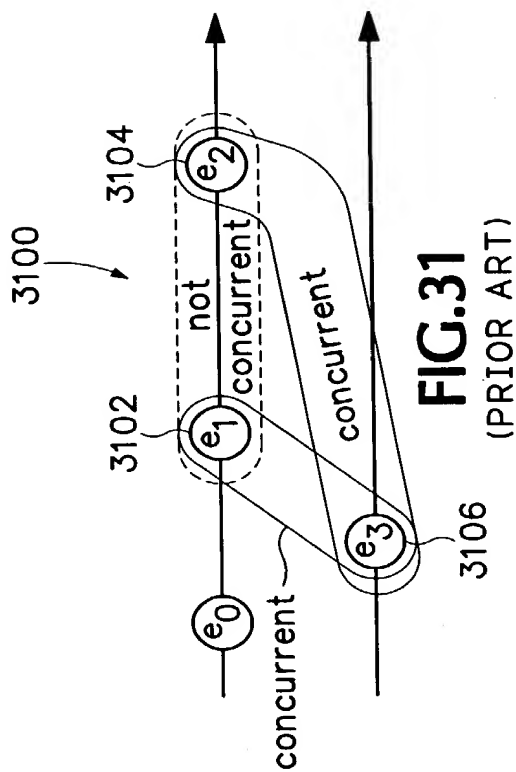
**FIG. 29**

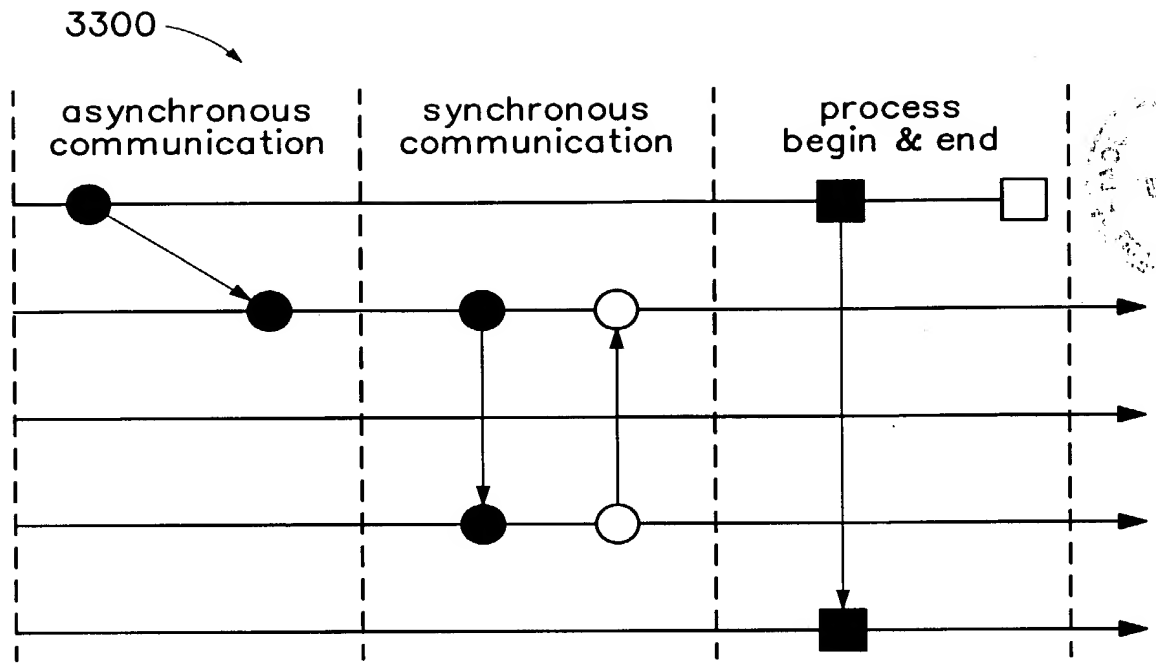
(PRIOR ART)



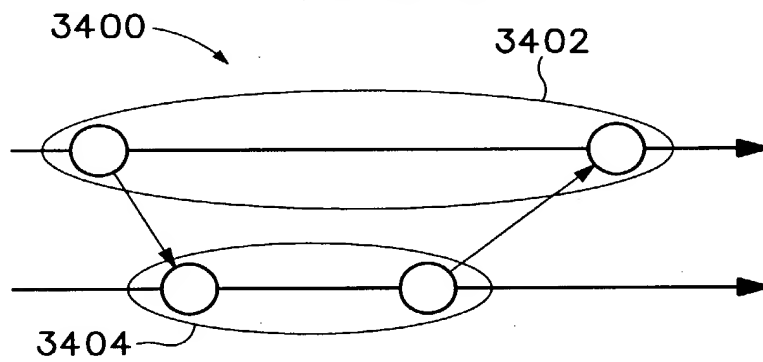
**FIG. 30**

(PRIOR ART)

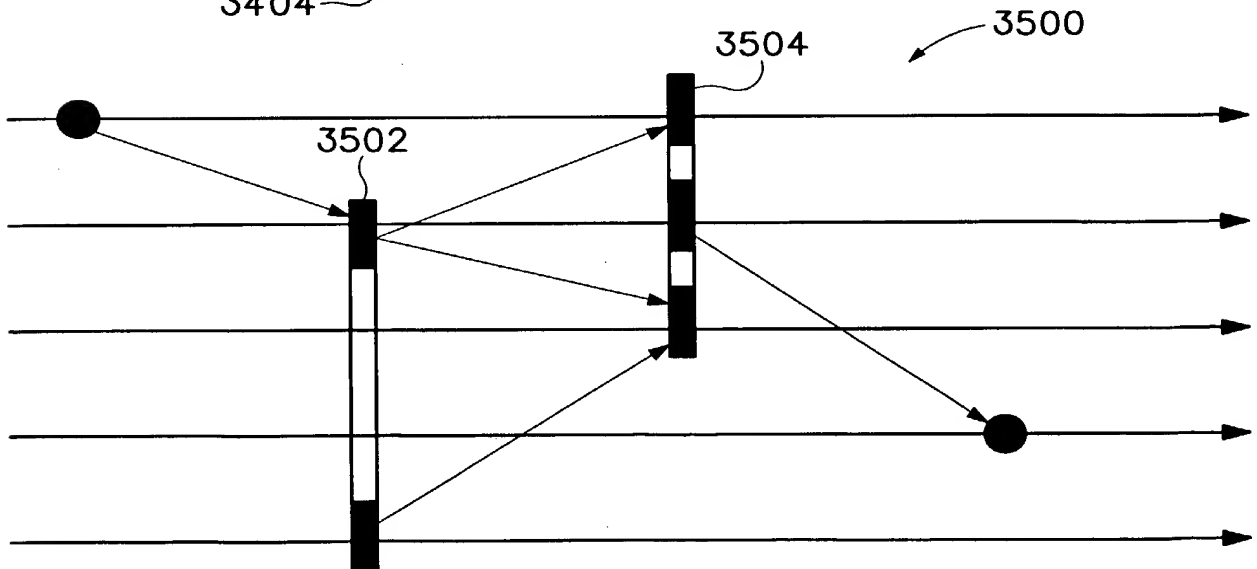




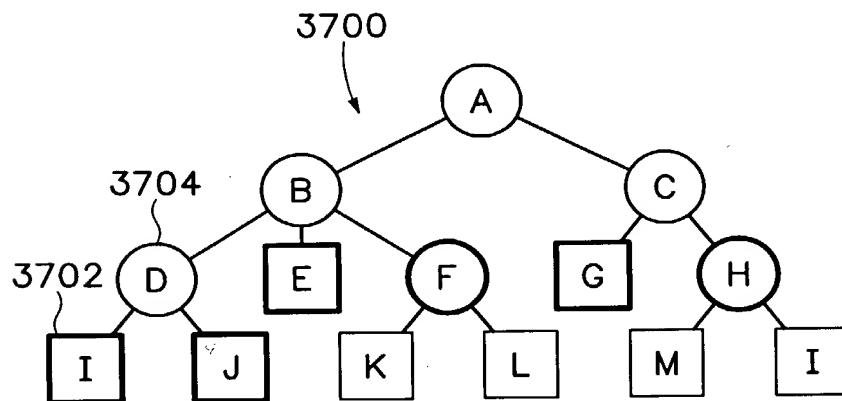
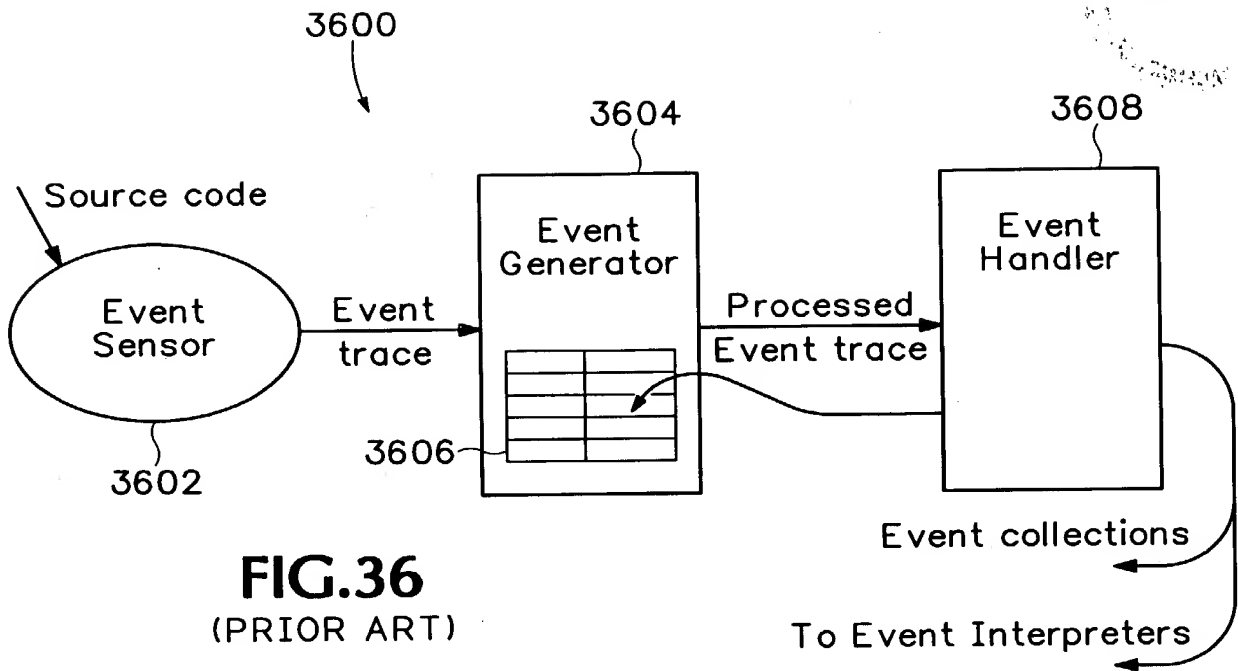
**FIG.33**  
(PRIOR ART)

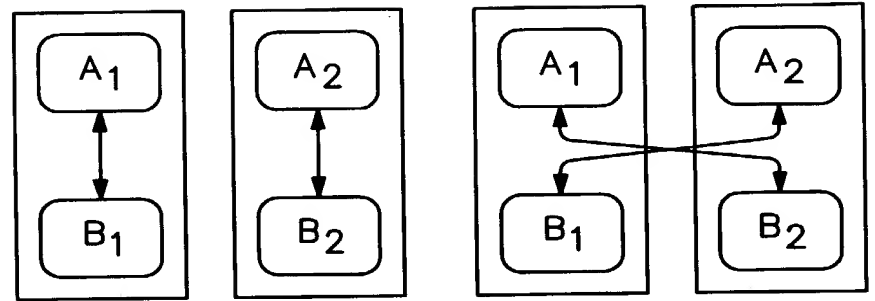


**FIG.34**  
(PRIOR ART)



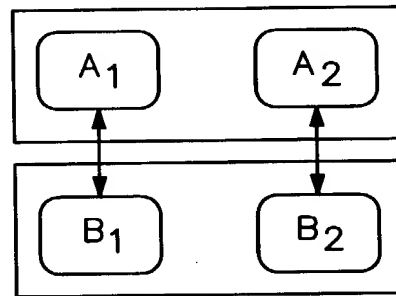
**FIG.35**  
(PRIOR ART)





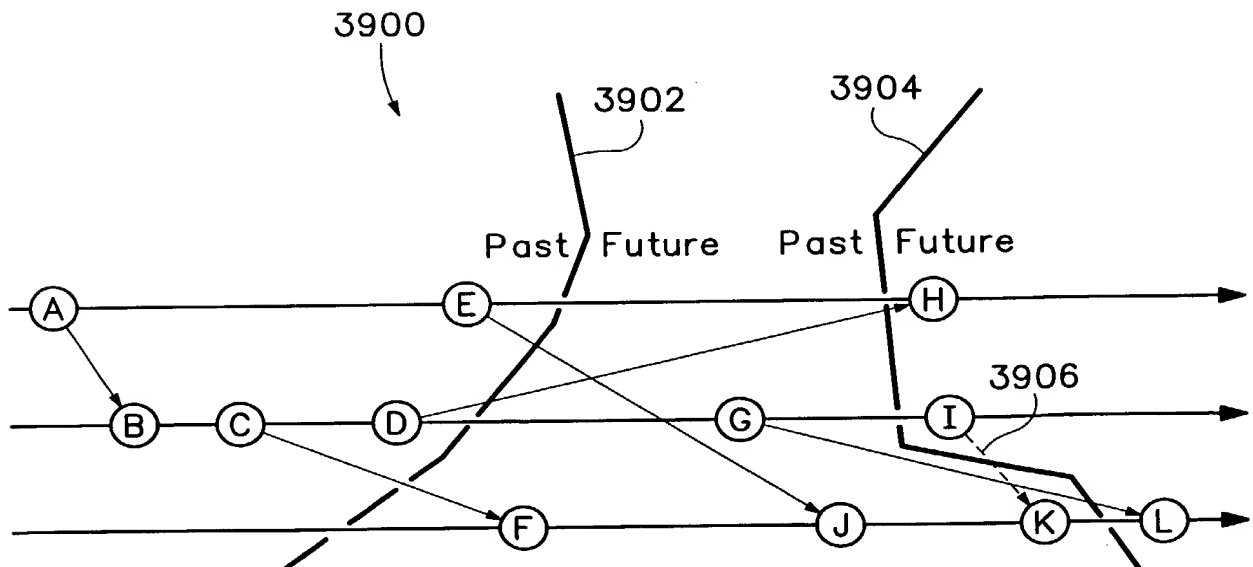
(a) Cohesion(P) = 1.0  
Coupling(P) = 0.5

(b) Cohesion(P) = 0.0  
Coupling(P) = 1.0

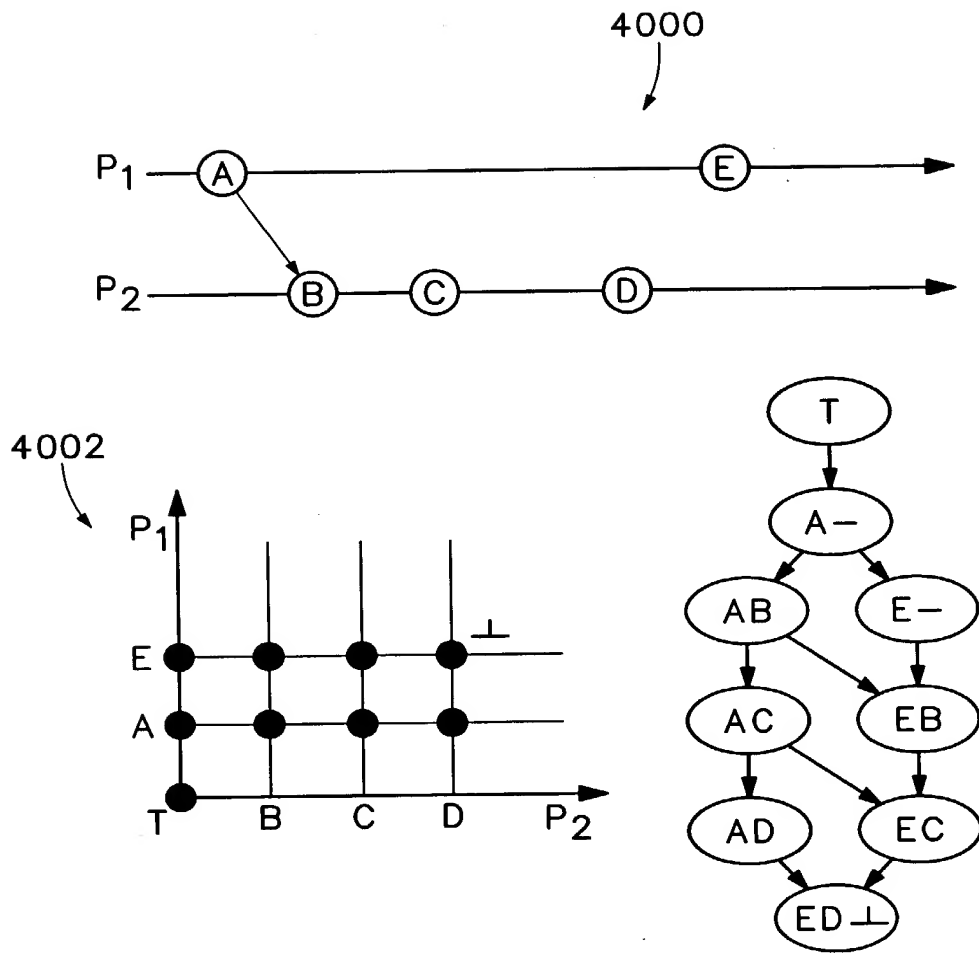


(c) Cohesion(P) = 1.0  
Coupling(P) = 0.5

**FIG.38**  
(PRIOR ART)

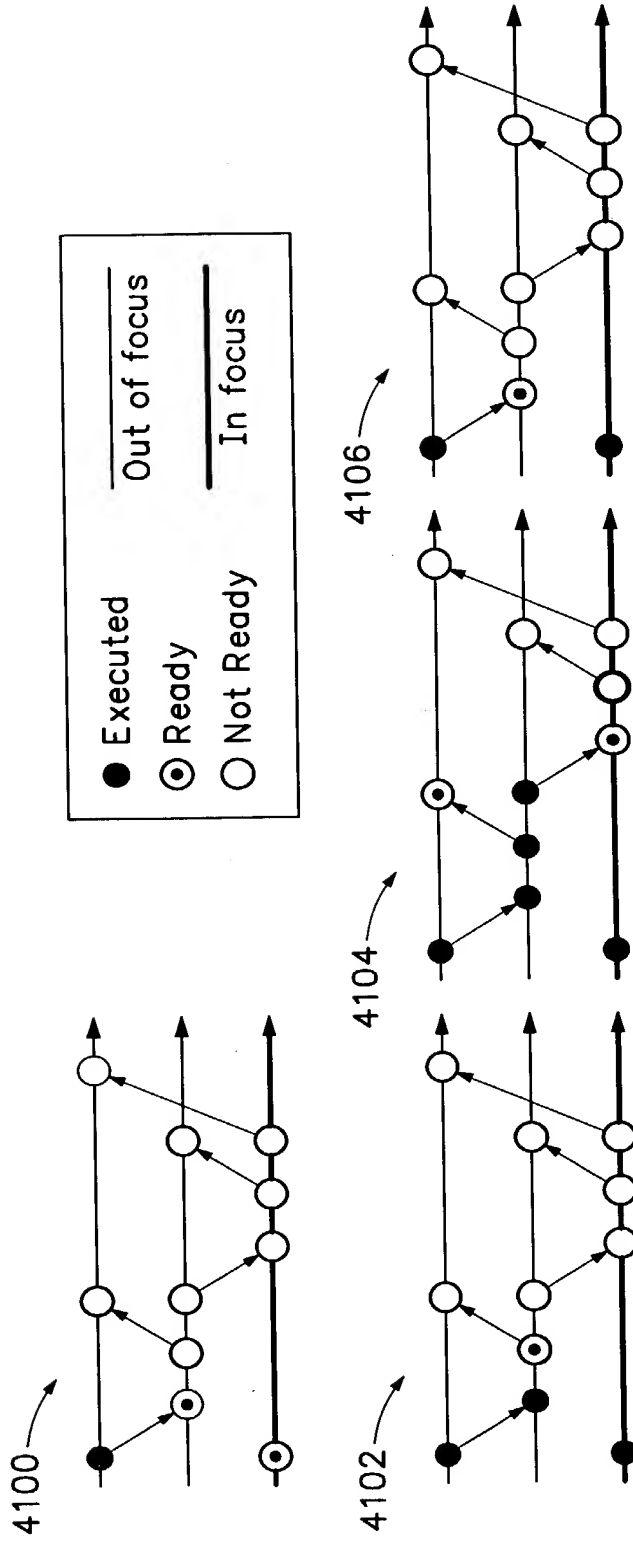


**FIG.39**  
(PRIOR ART)

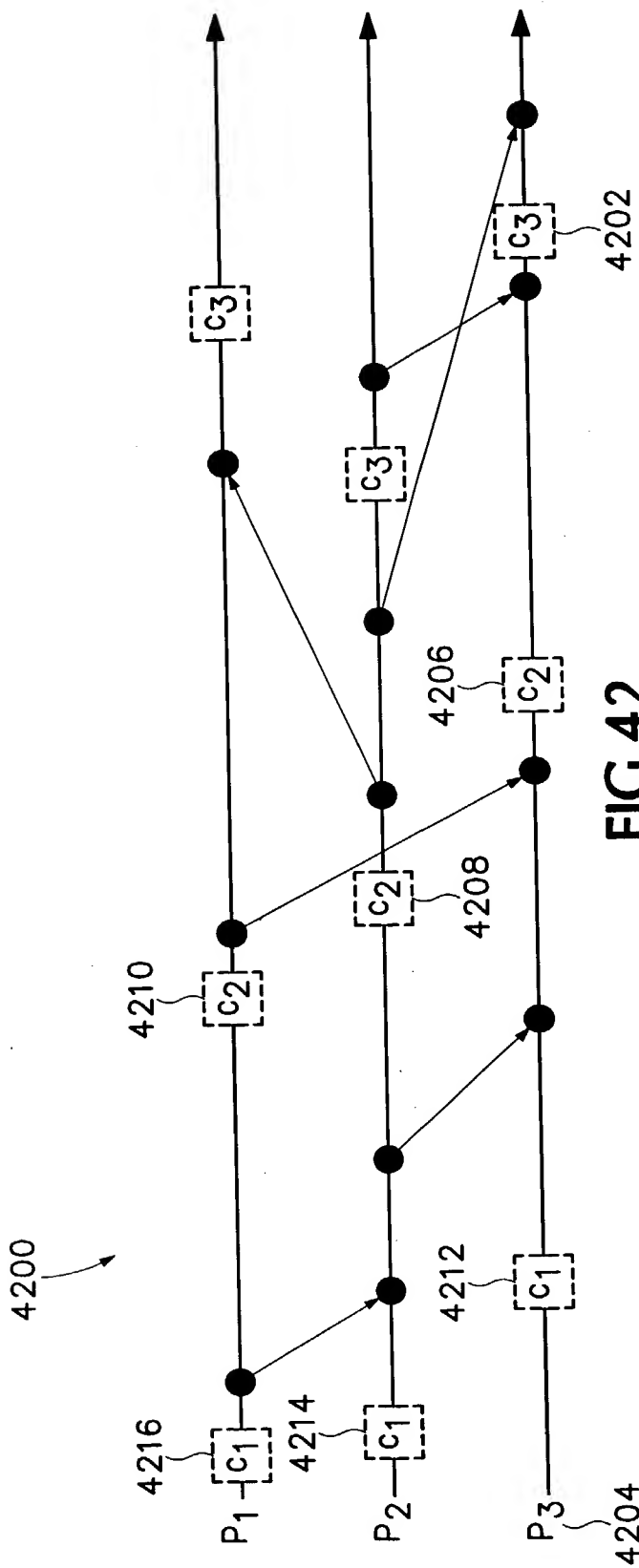


**FIG.40**  
(PRIOR ART)



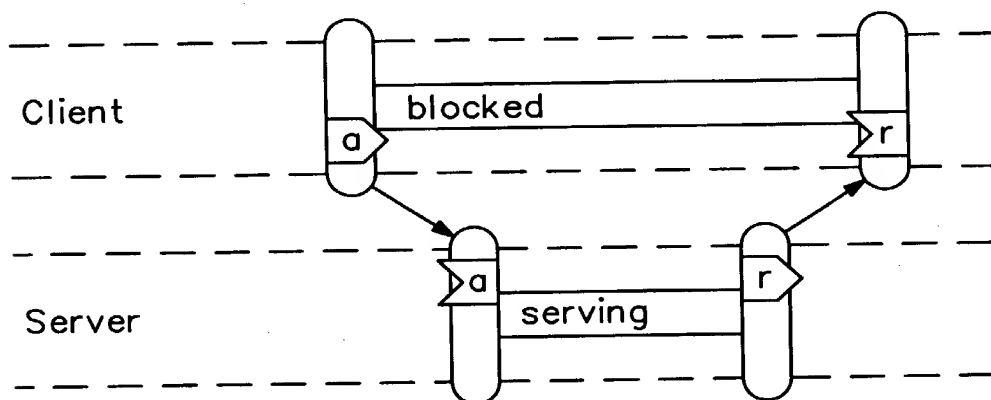
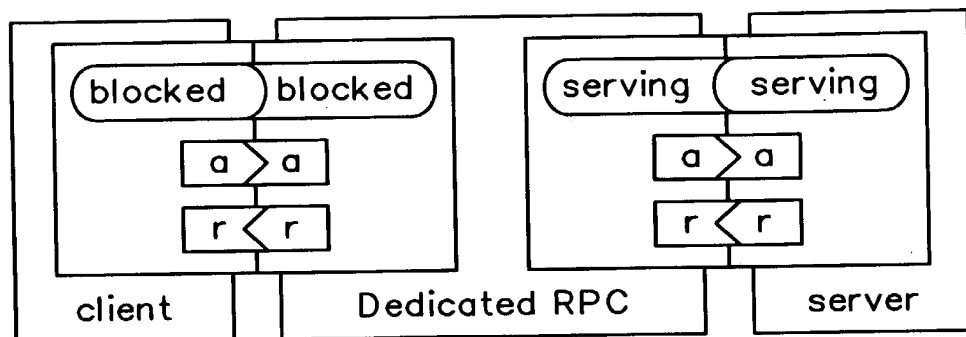
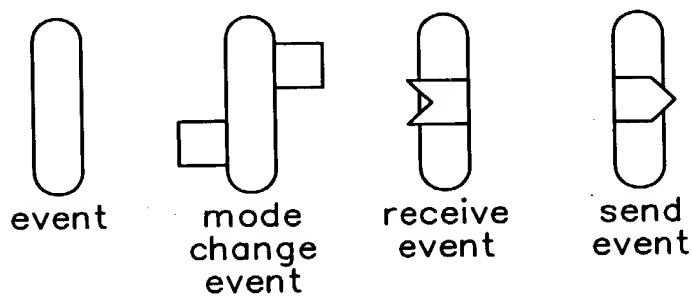
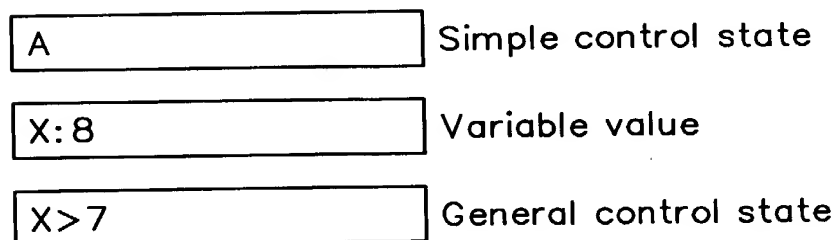


**FIG. 41**  
(PRIOR ART)



**FIG.42**  
(PRIOR ART)



**FIG.43****FIG.44****FIG.45**

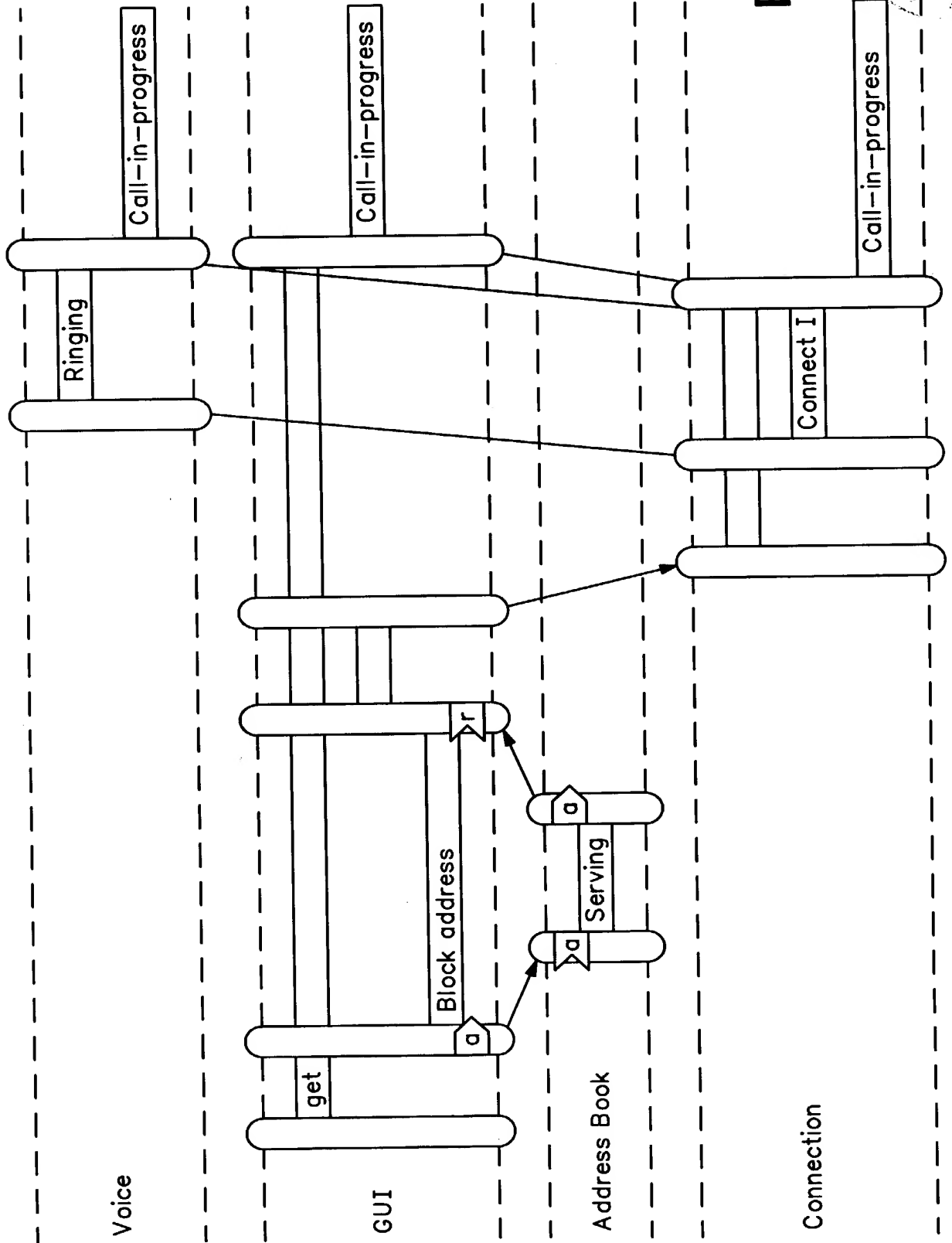
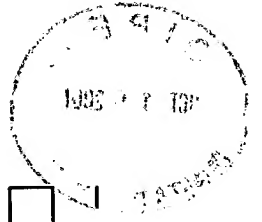
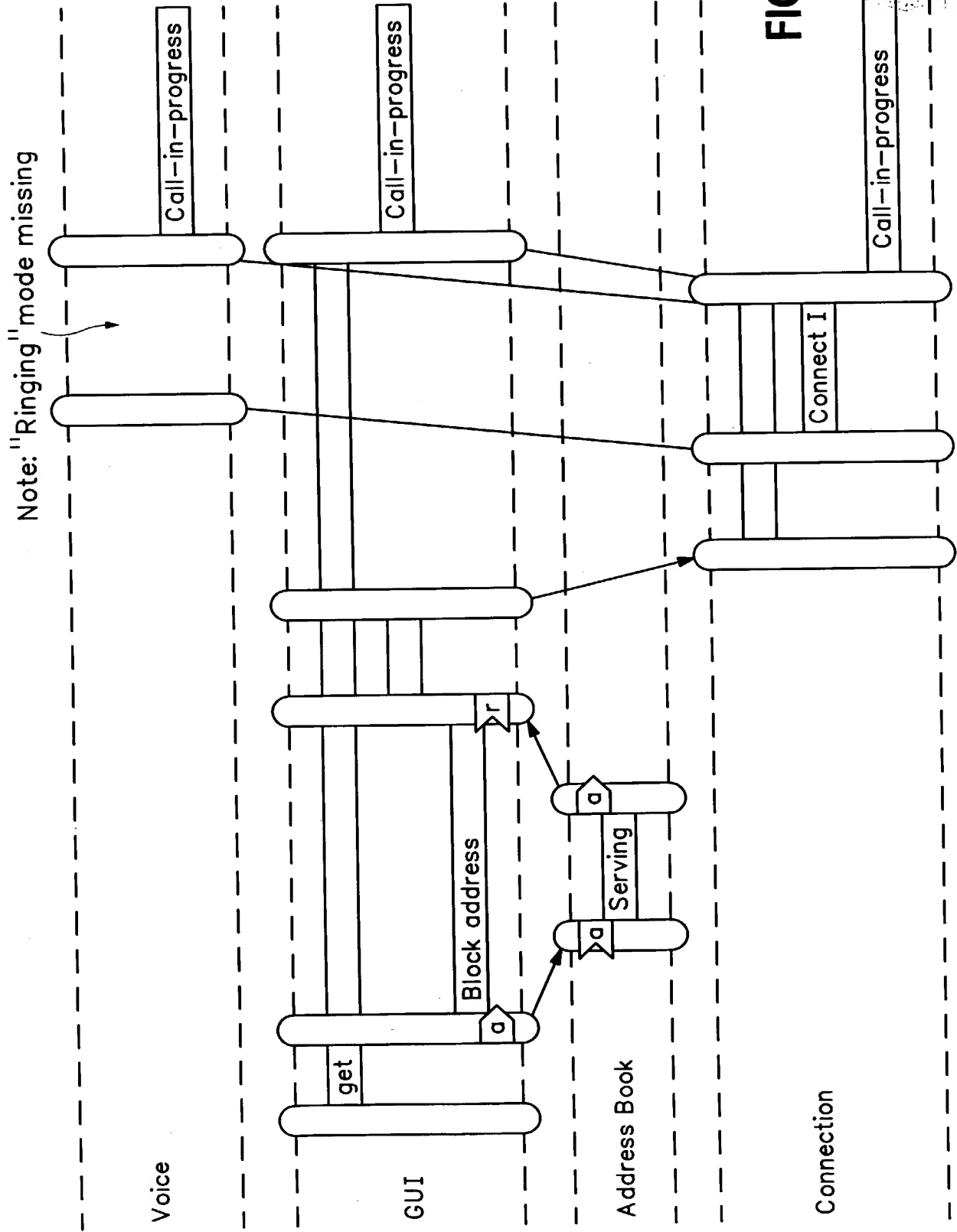


FIG.46





Note: Missing event record

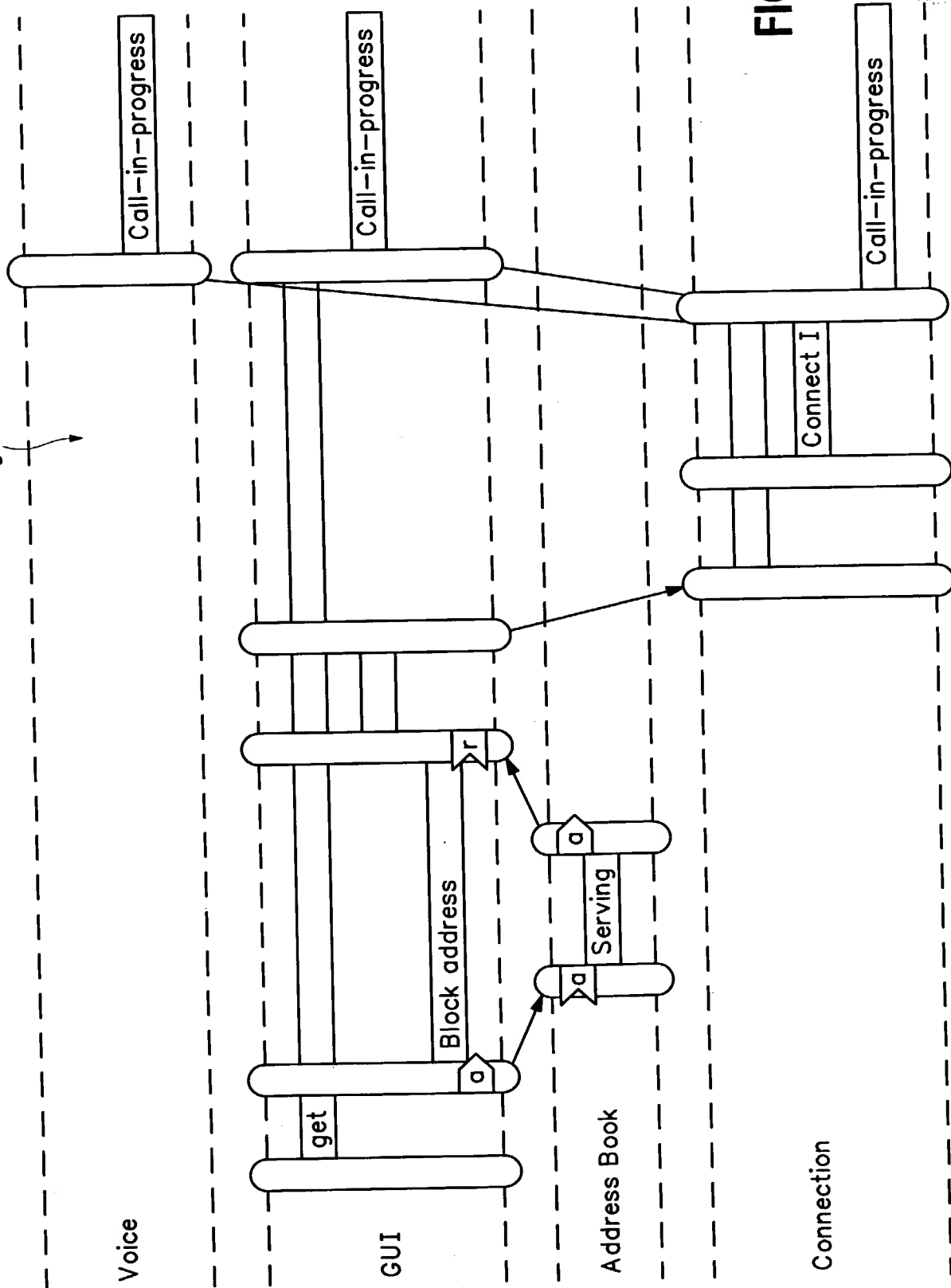
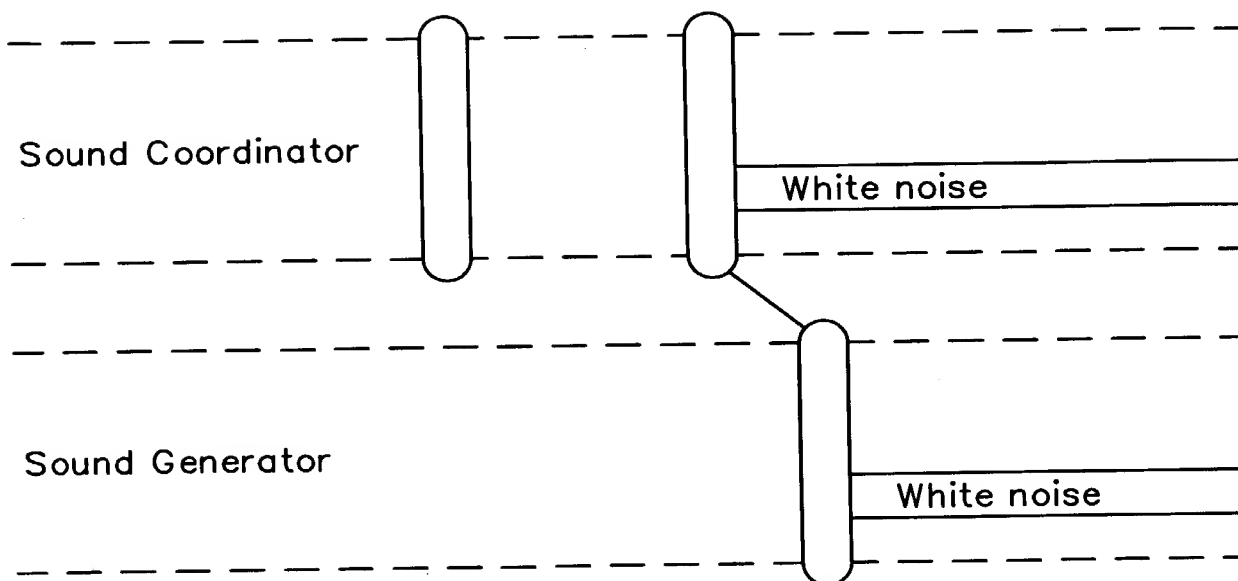
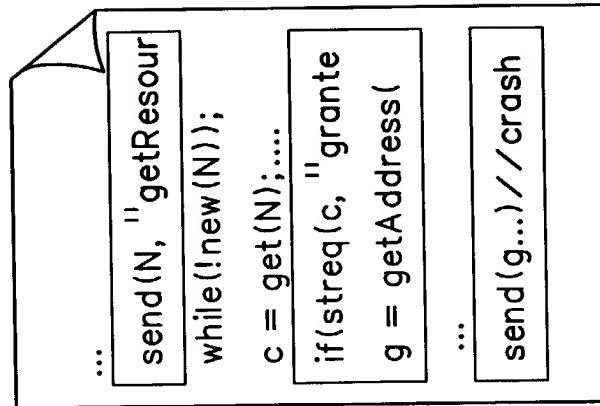
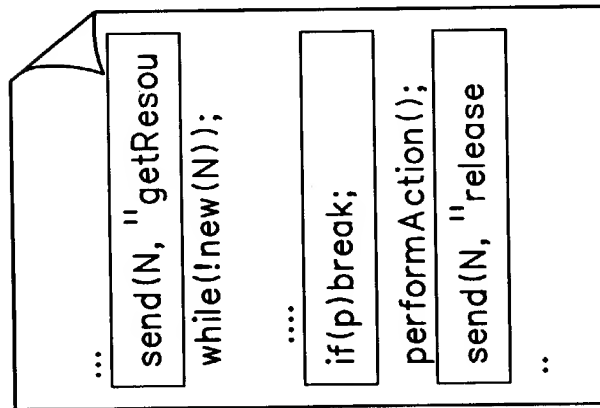
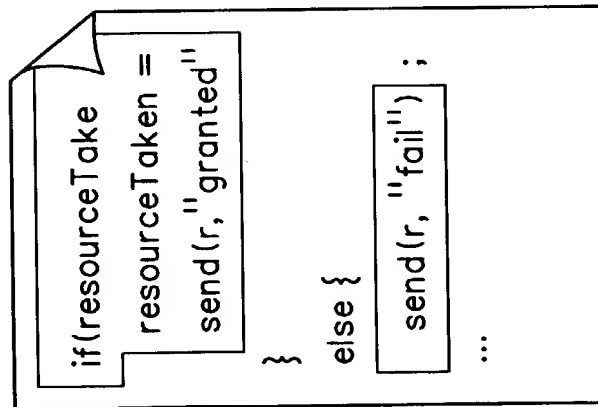


FIG.47B





Network Interface

x

y

FIG.49



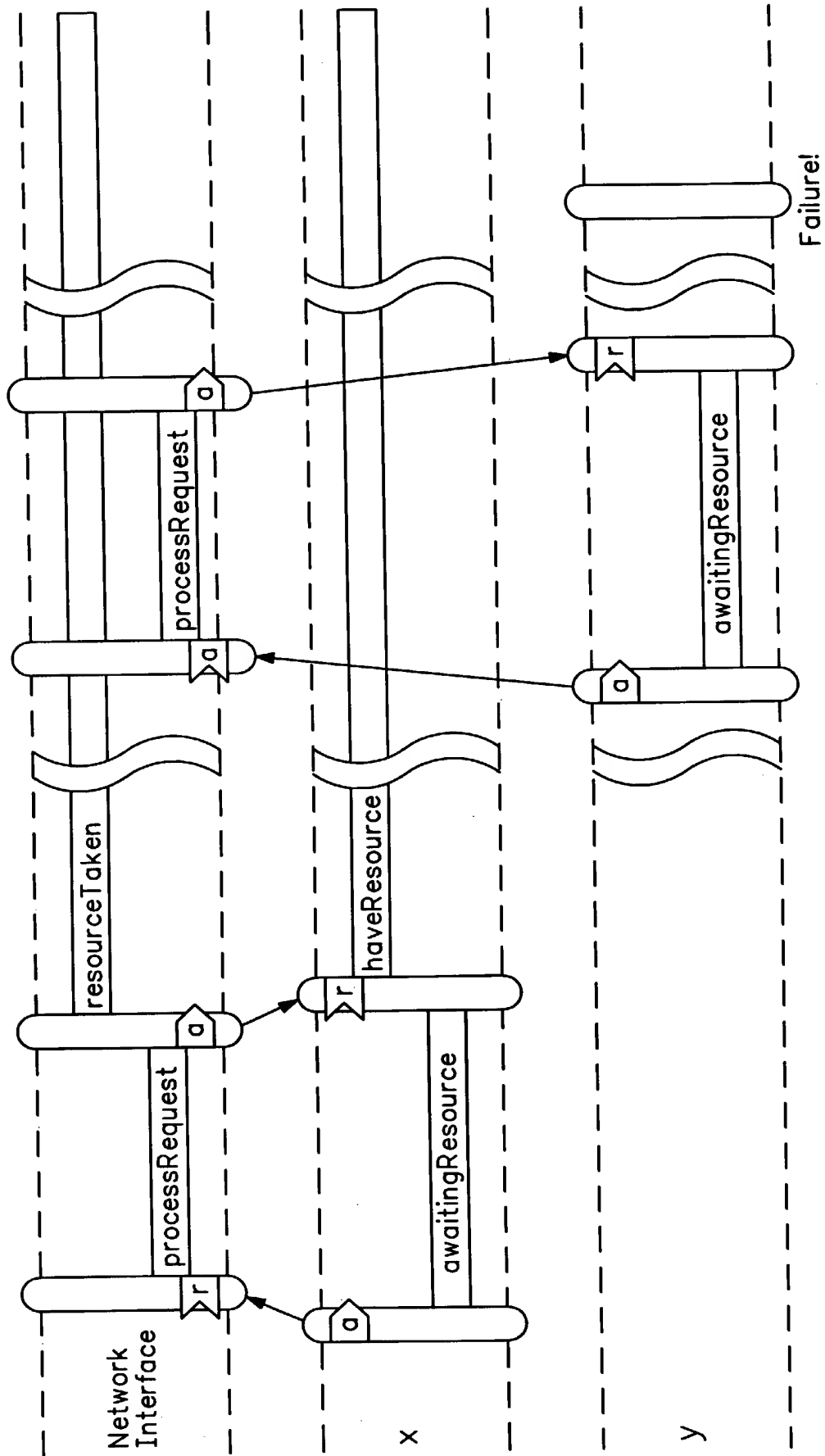
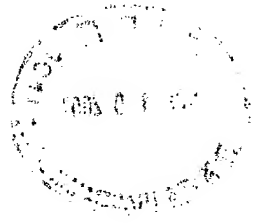


FIG.50



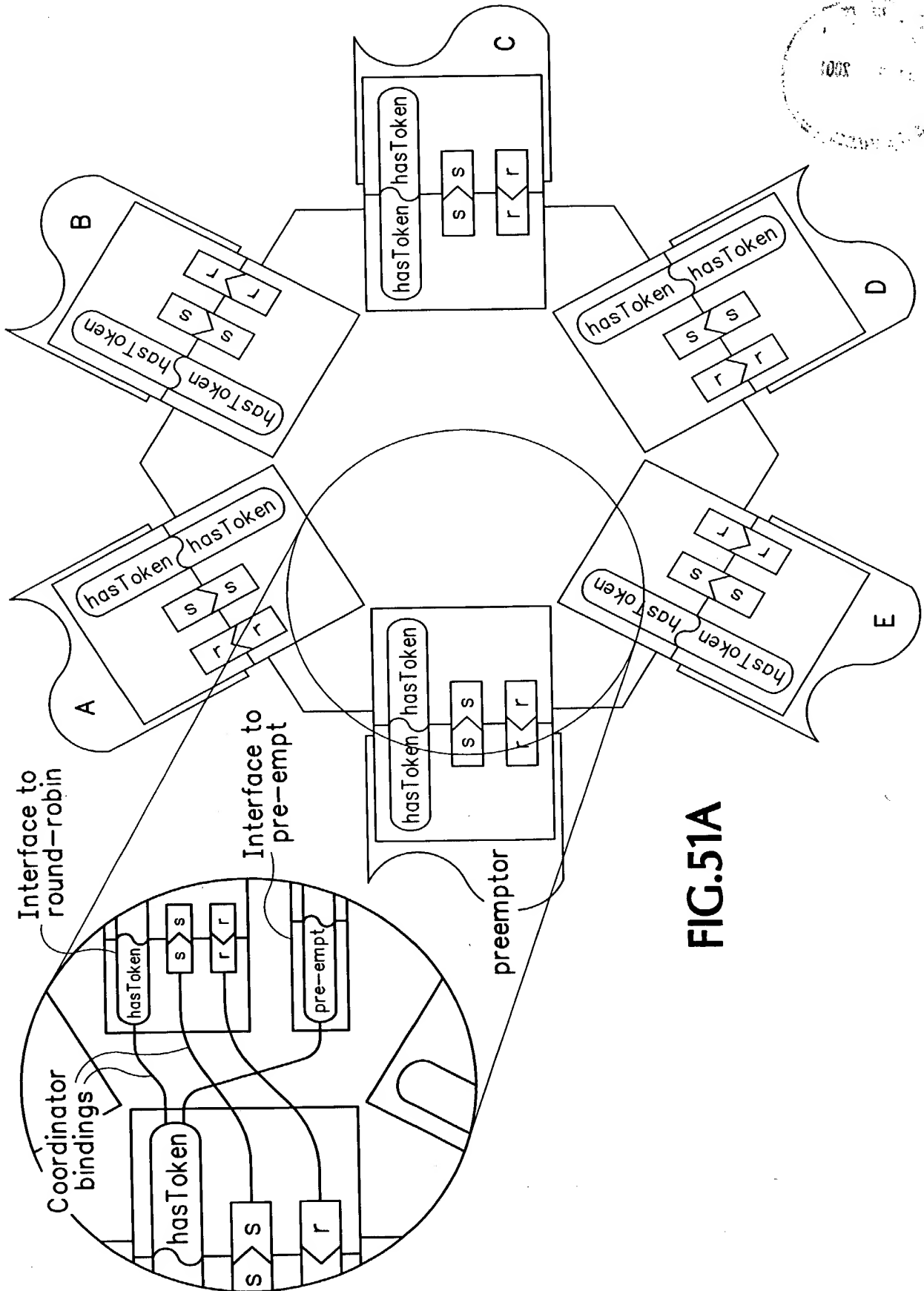
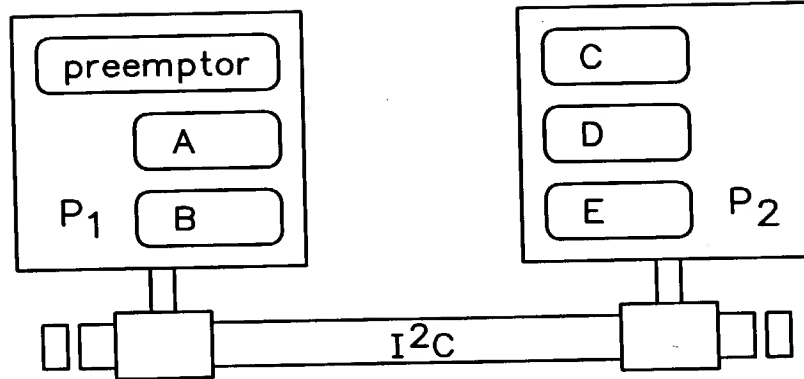


FIG. 51A



**FIG.51B**

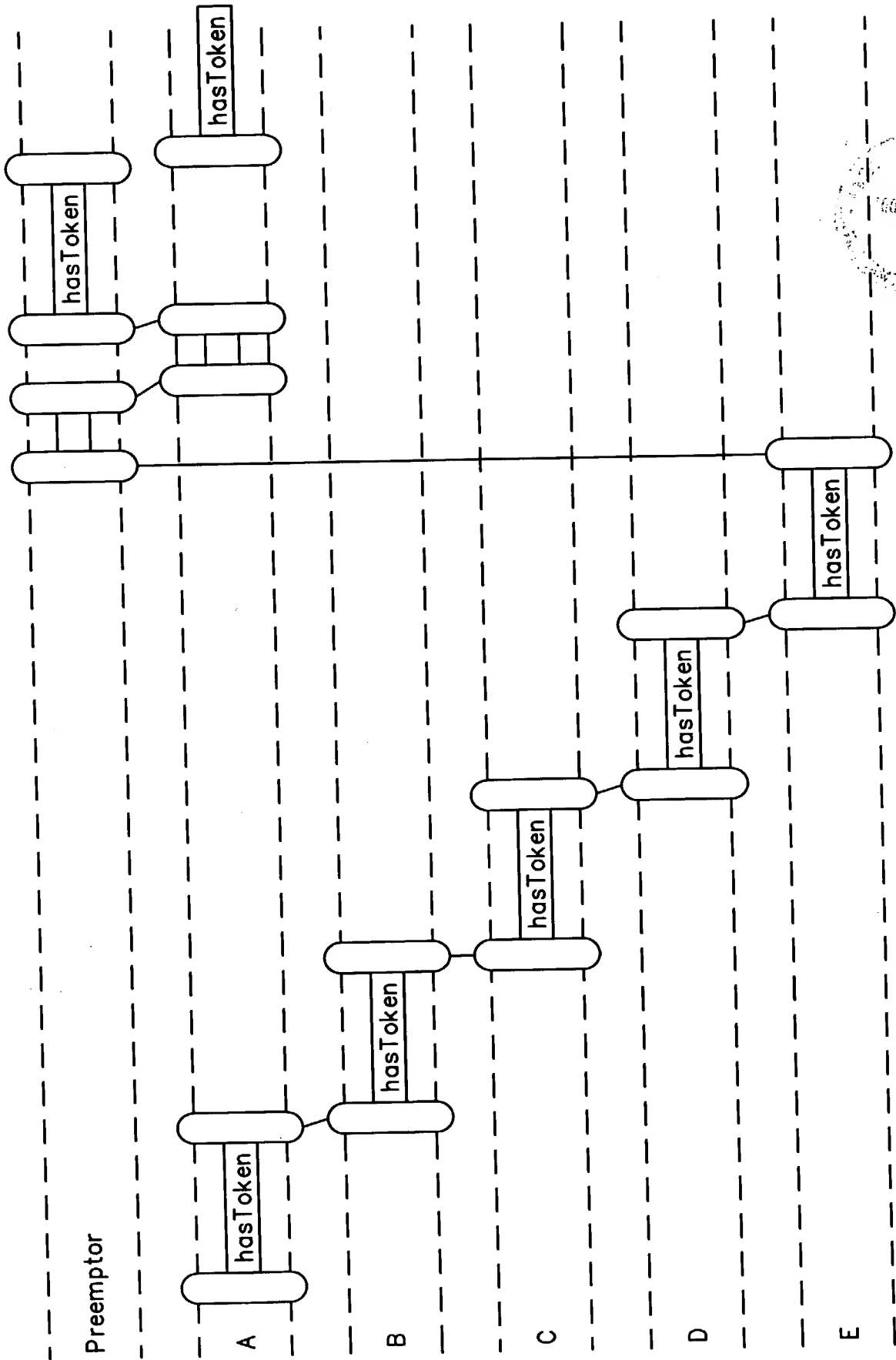


FIG.52A

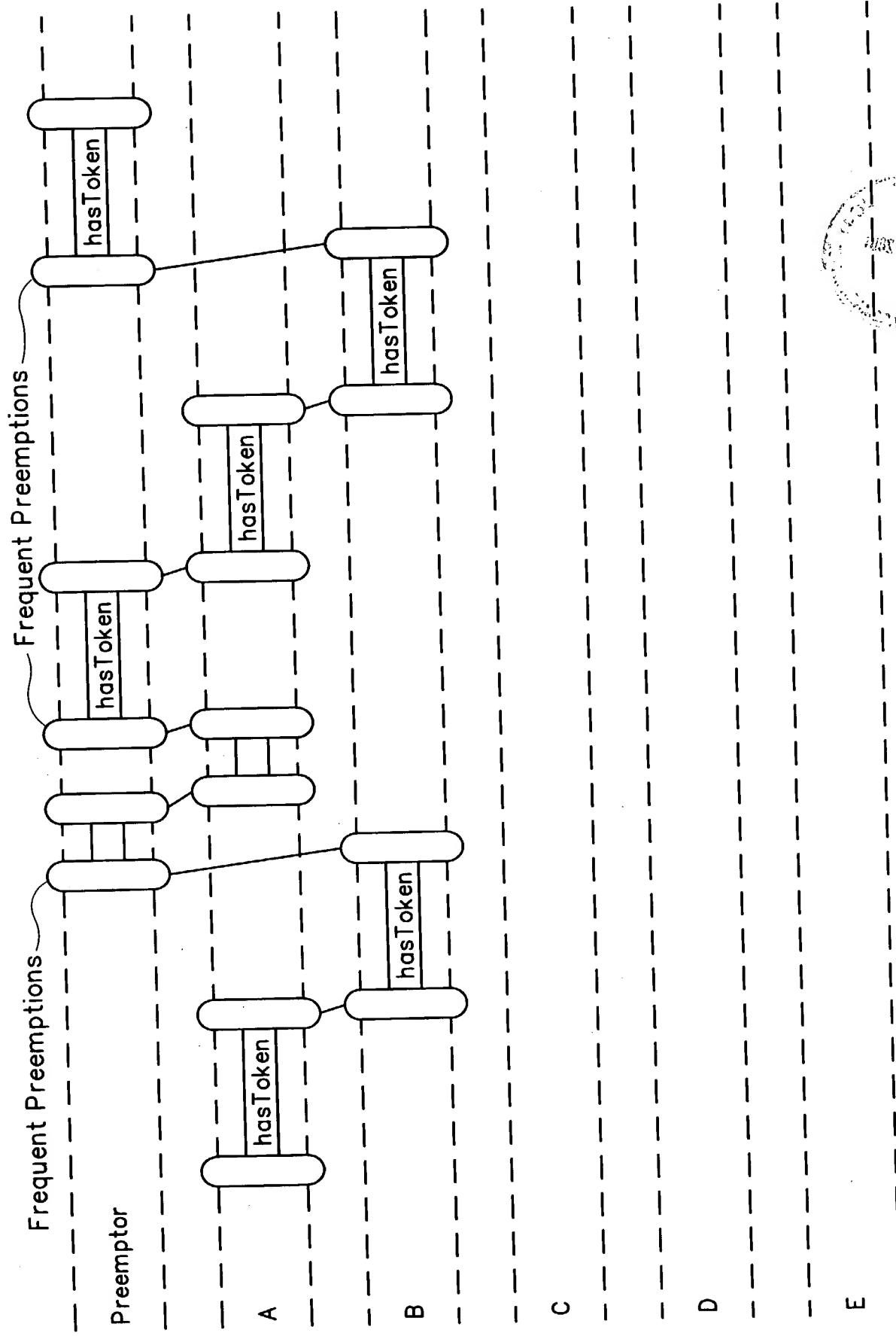
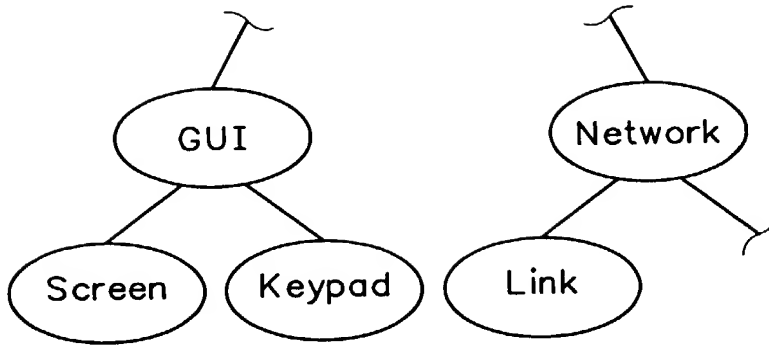


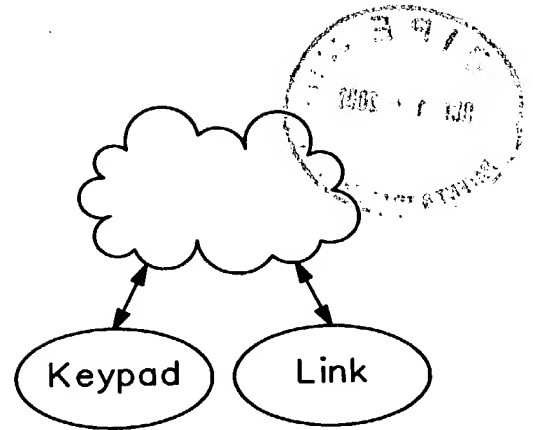
FIG.52B



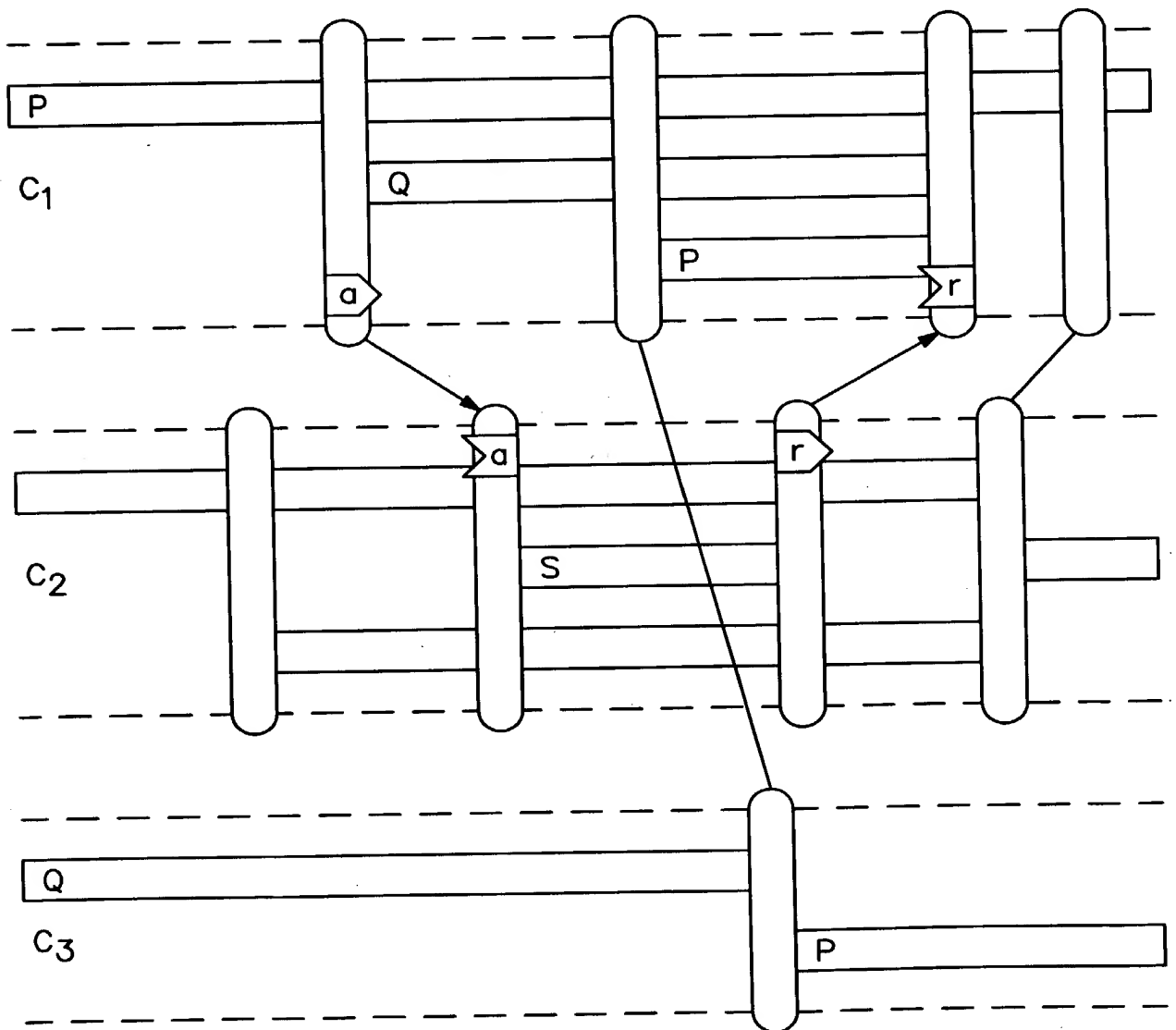
09035446 . 1001503



**FIG.53A**

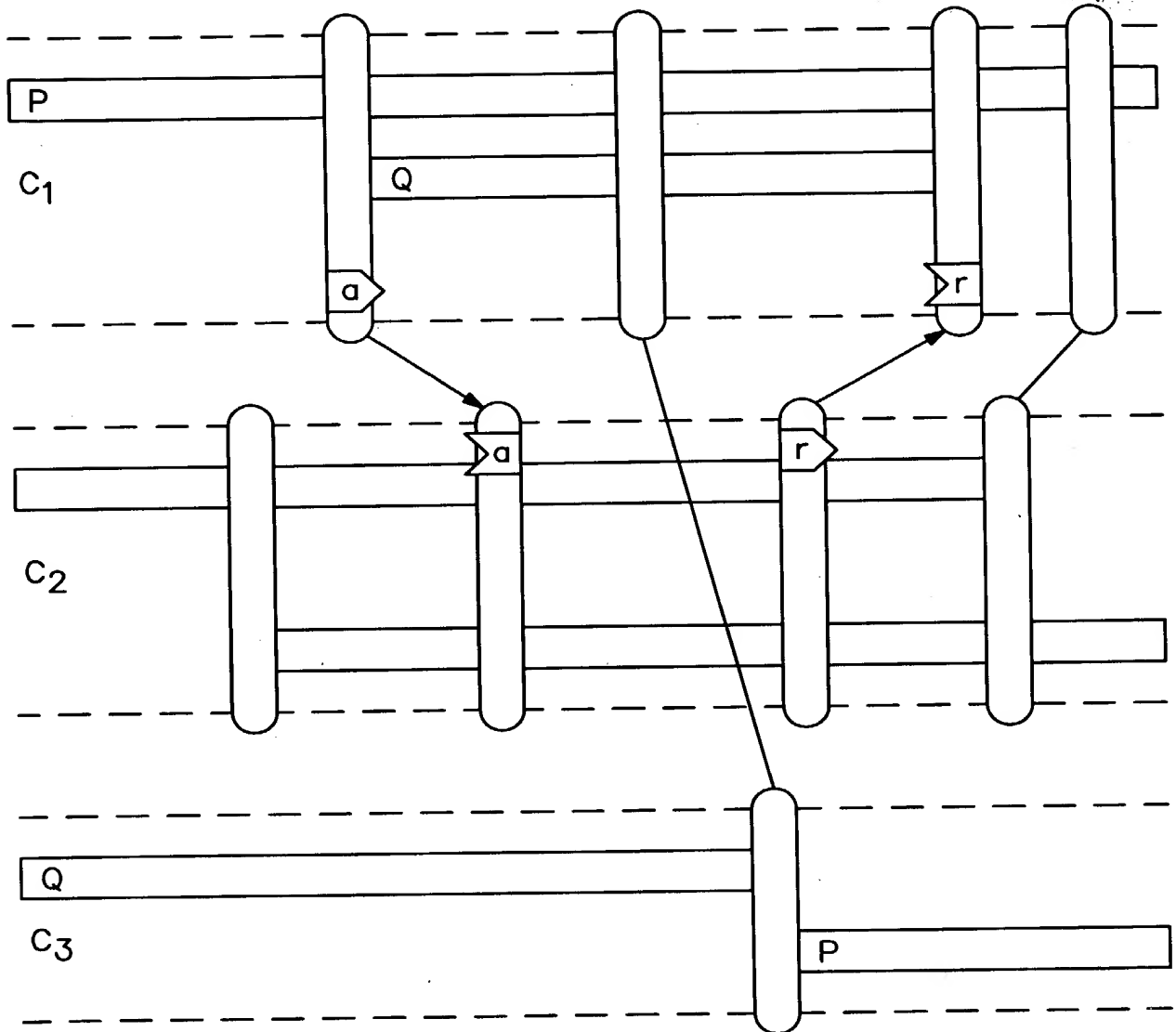


**FIG.53B**



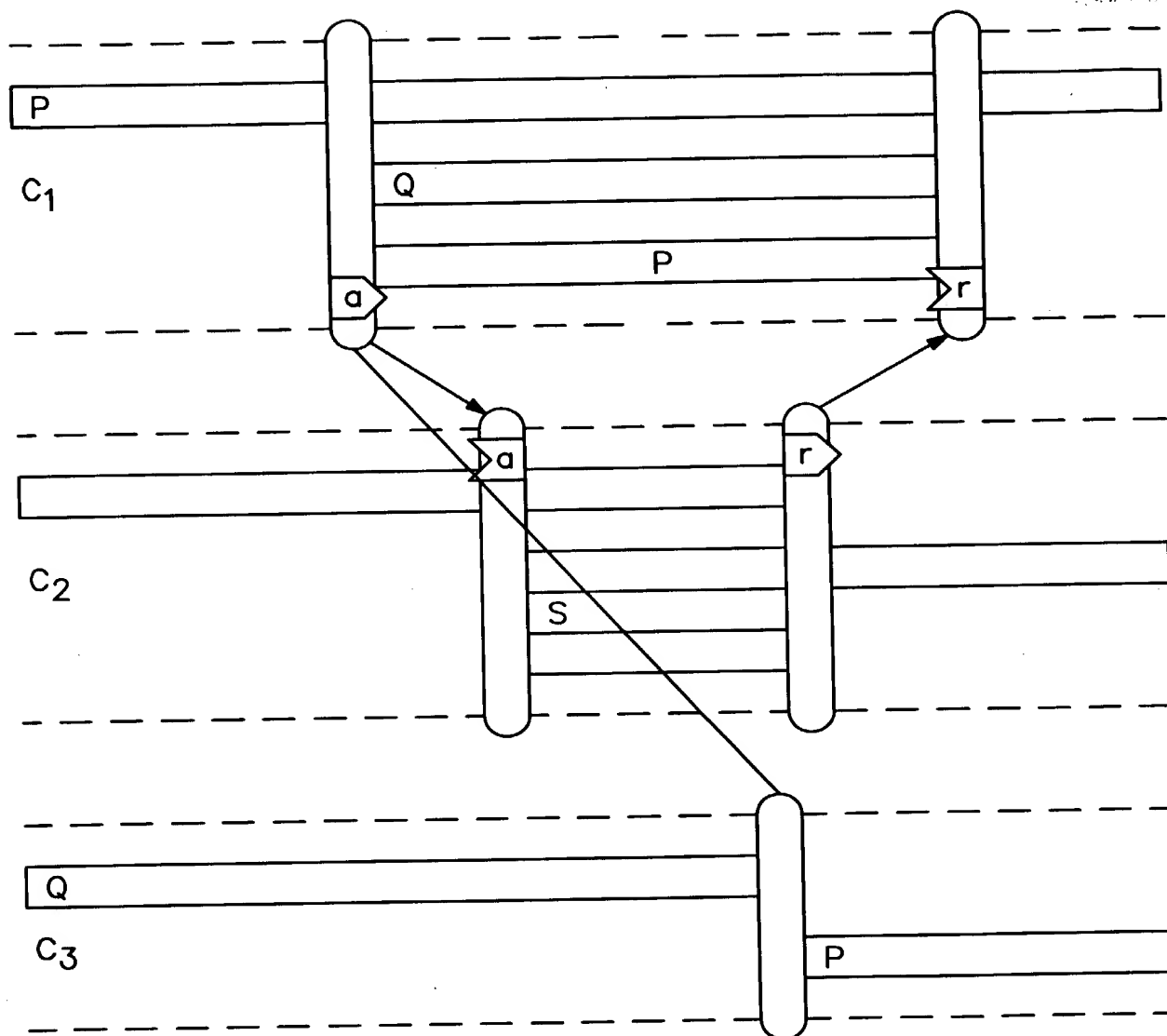
Complete evolution diagram

**FIG.54A**



After states on  $C_2$ 's middle and  
bottom trace are clustered

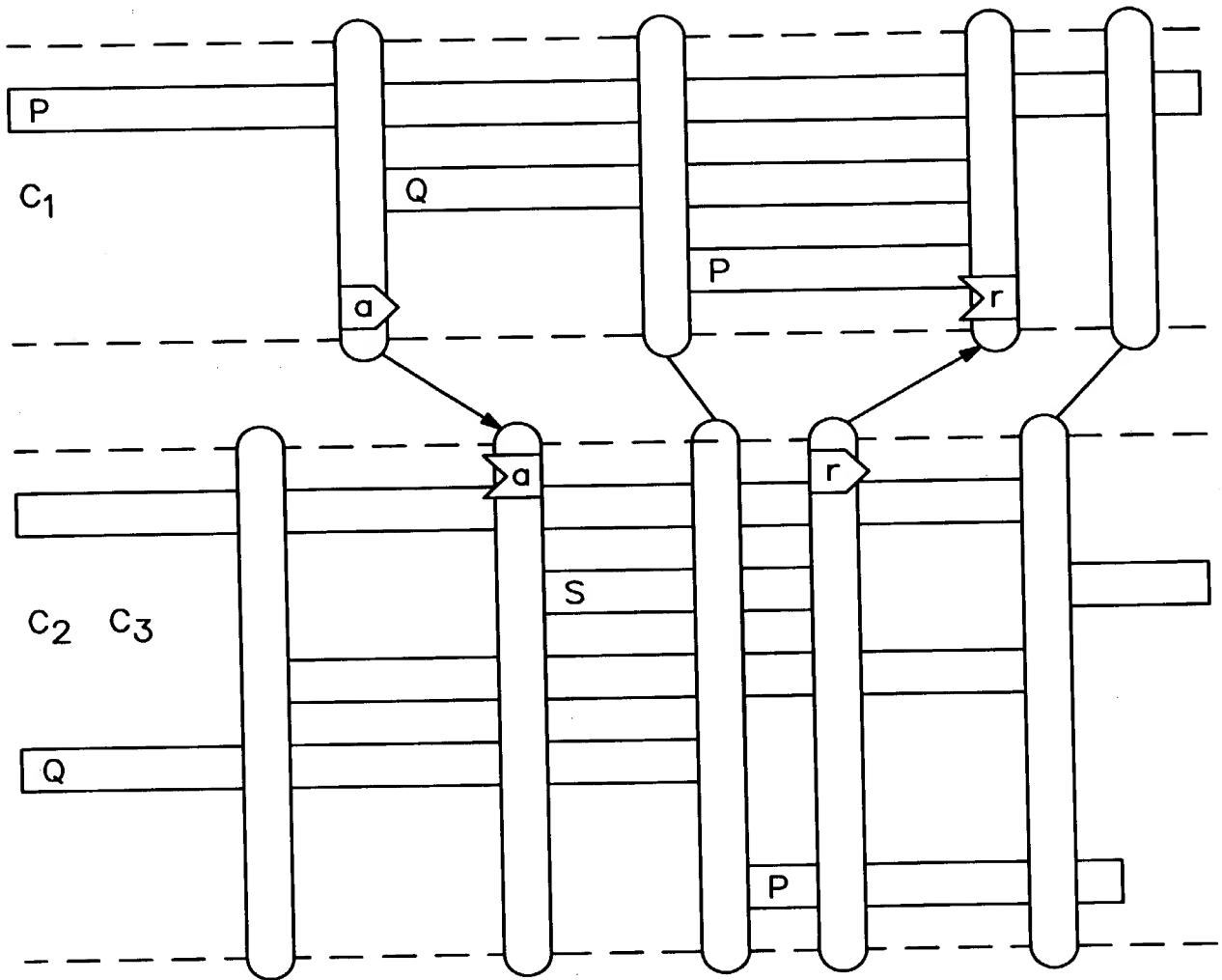
**FIG.54B**



After some of  $C_1$ 's  
events are clustered

**FIG.54C**





After components  $C_2$  and  $C_3$   
are clustered

**FIG.54D**

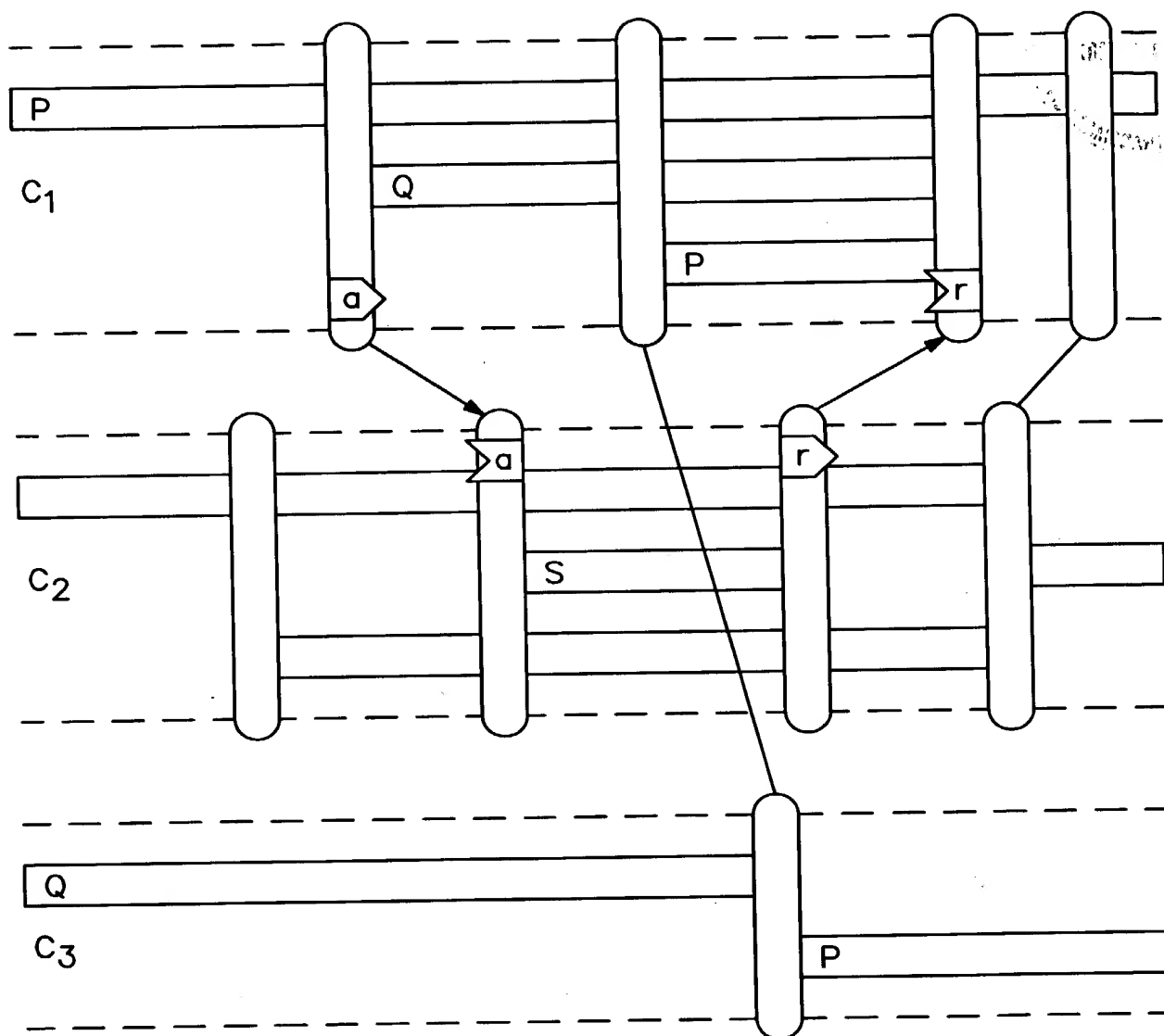


FIG. 55A

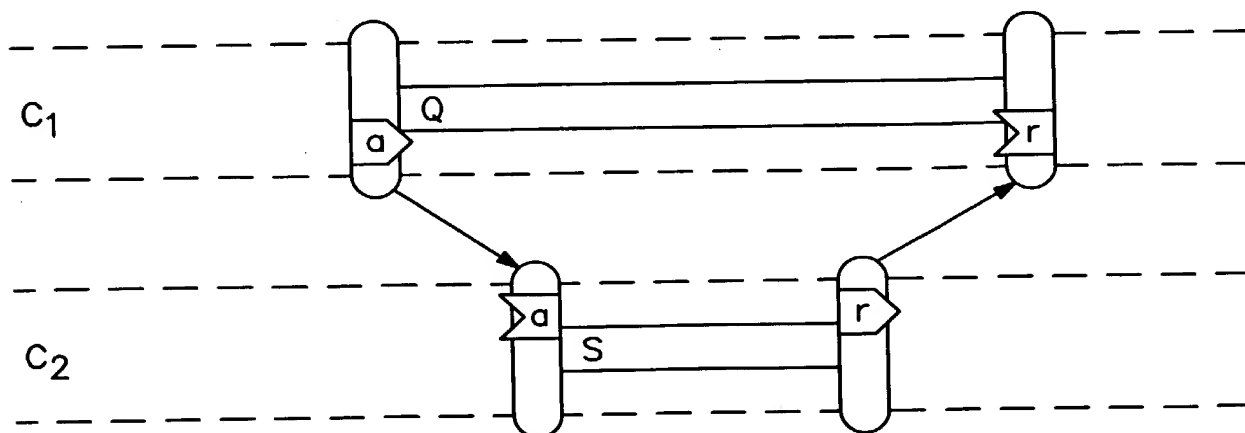
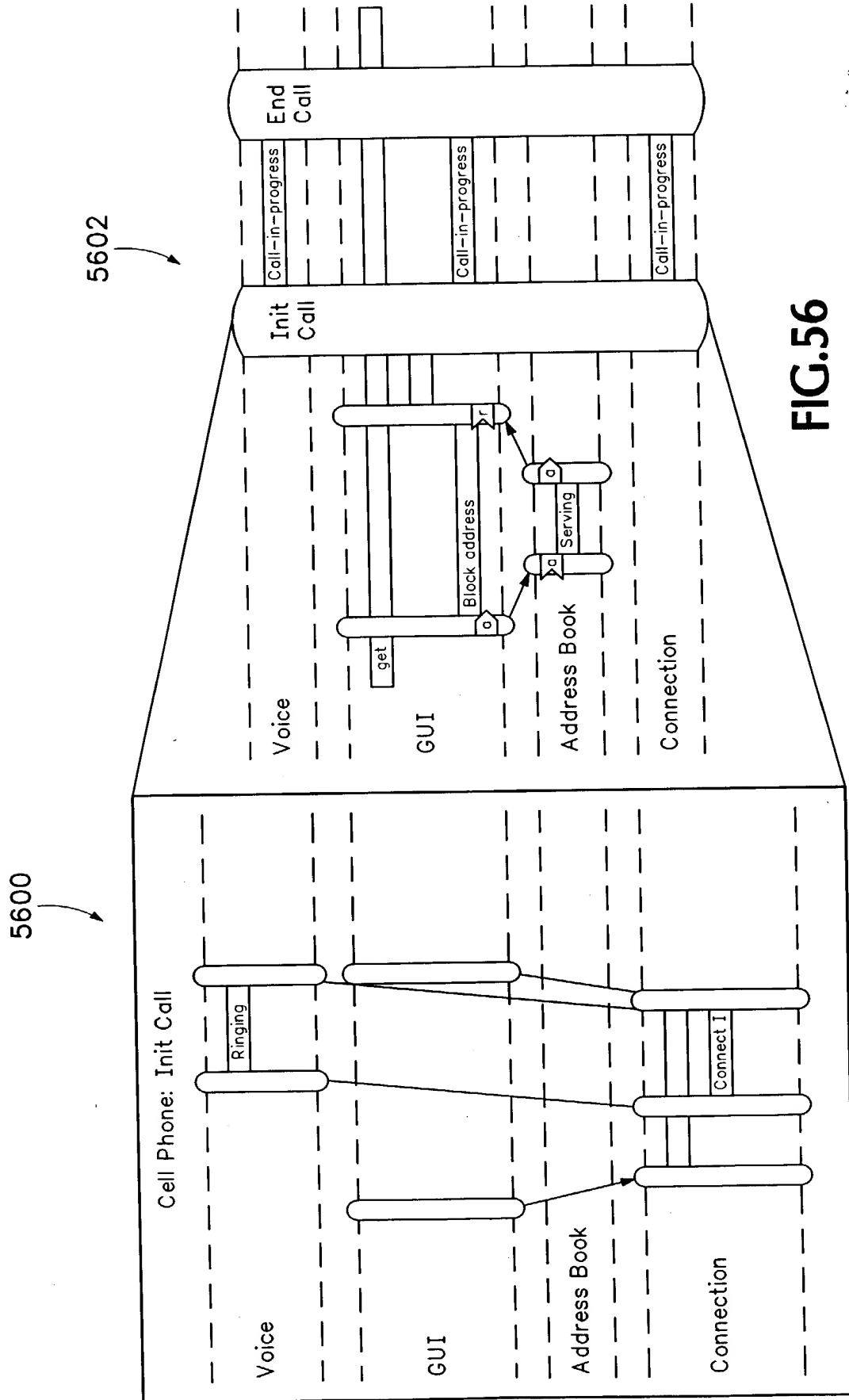


FIG. 55B



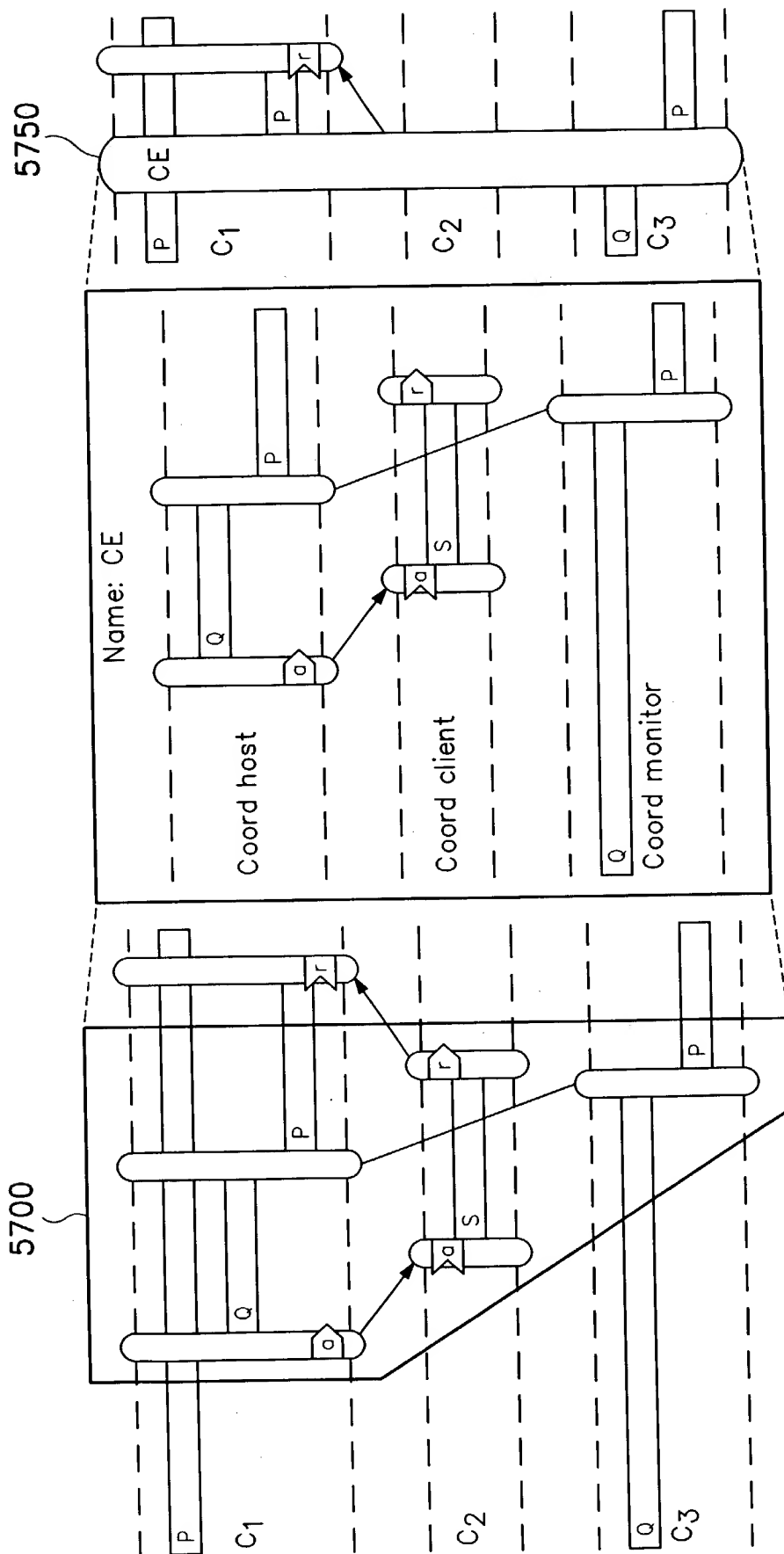
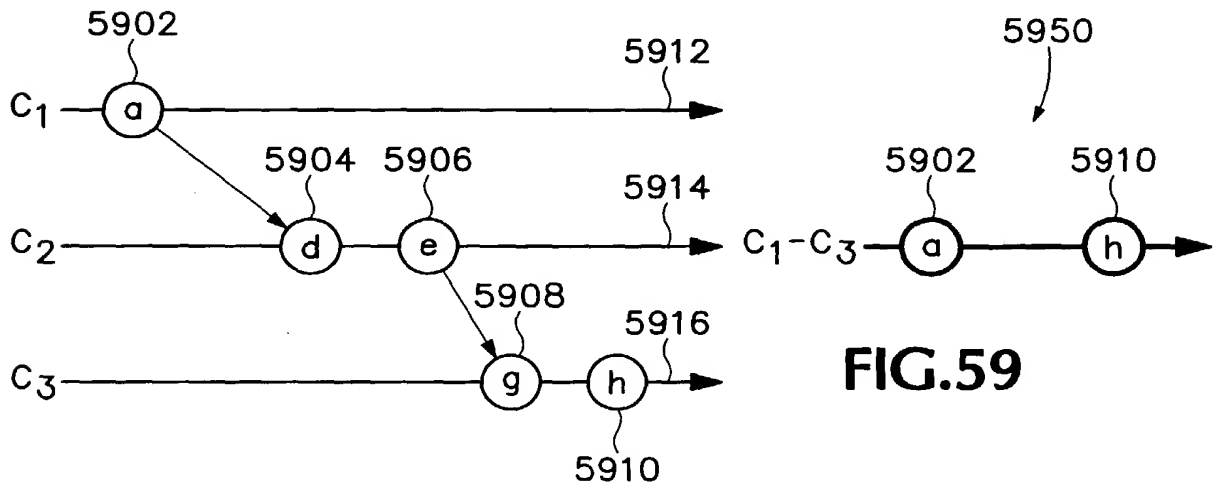
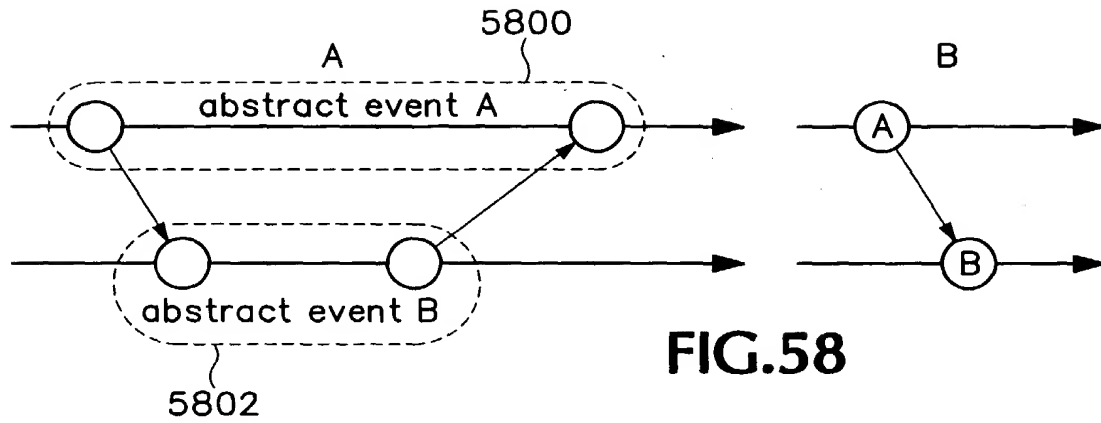
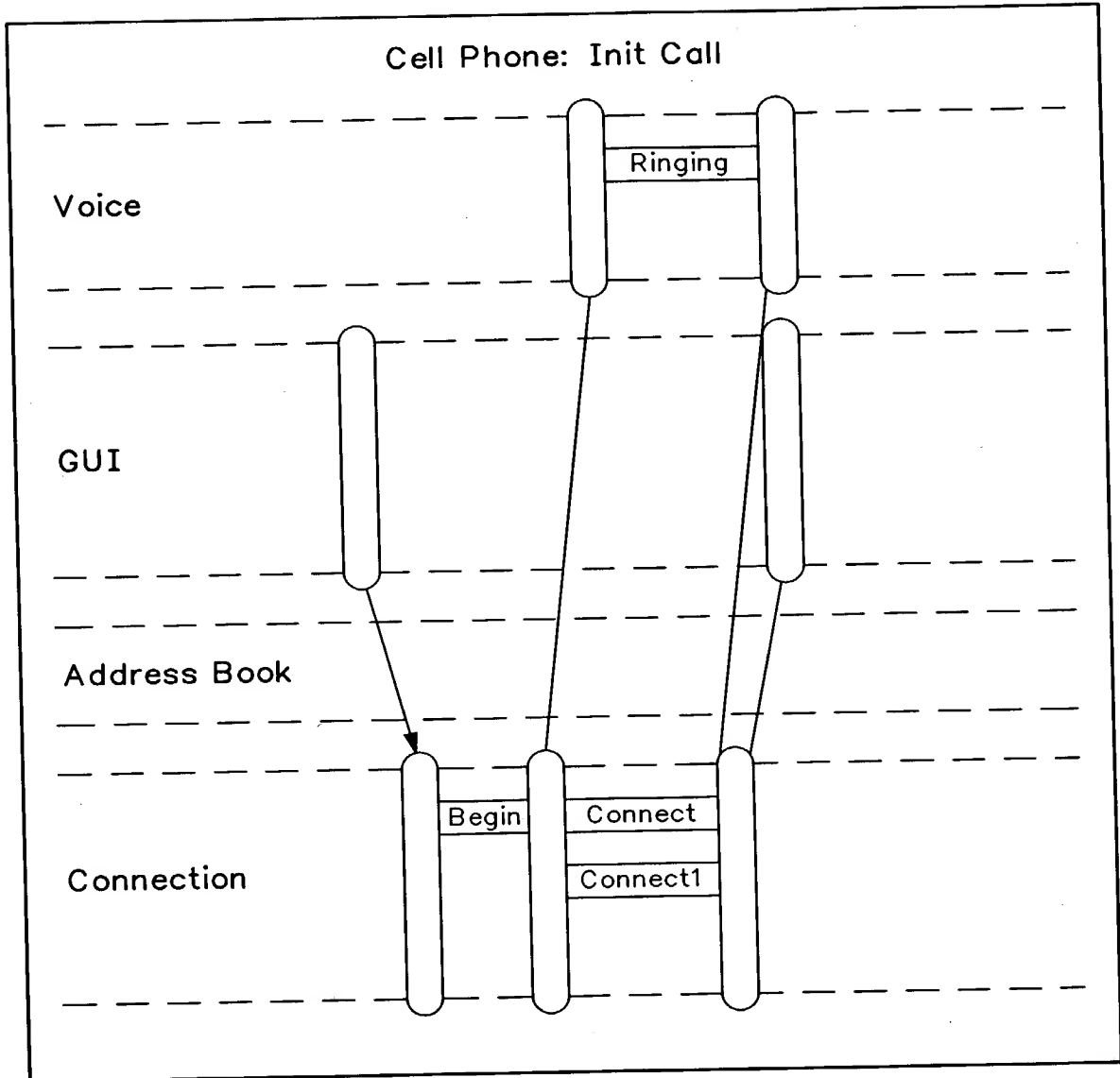
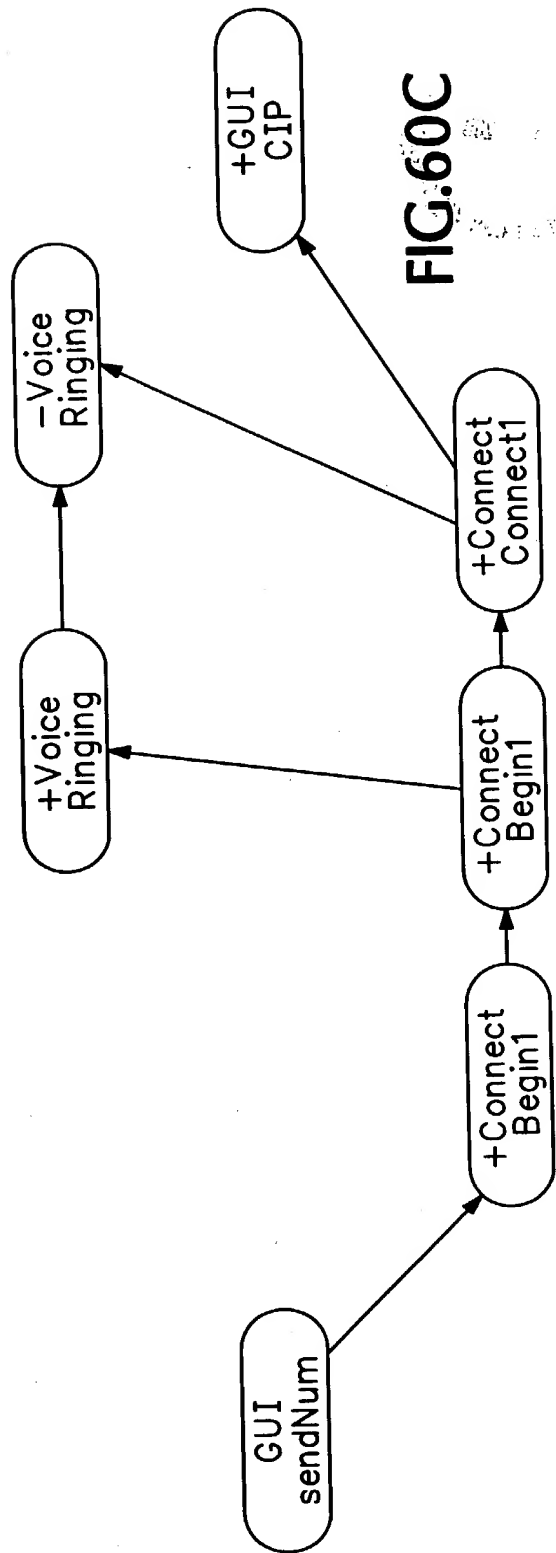
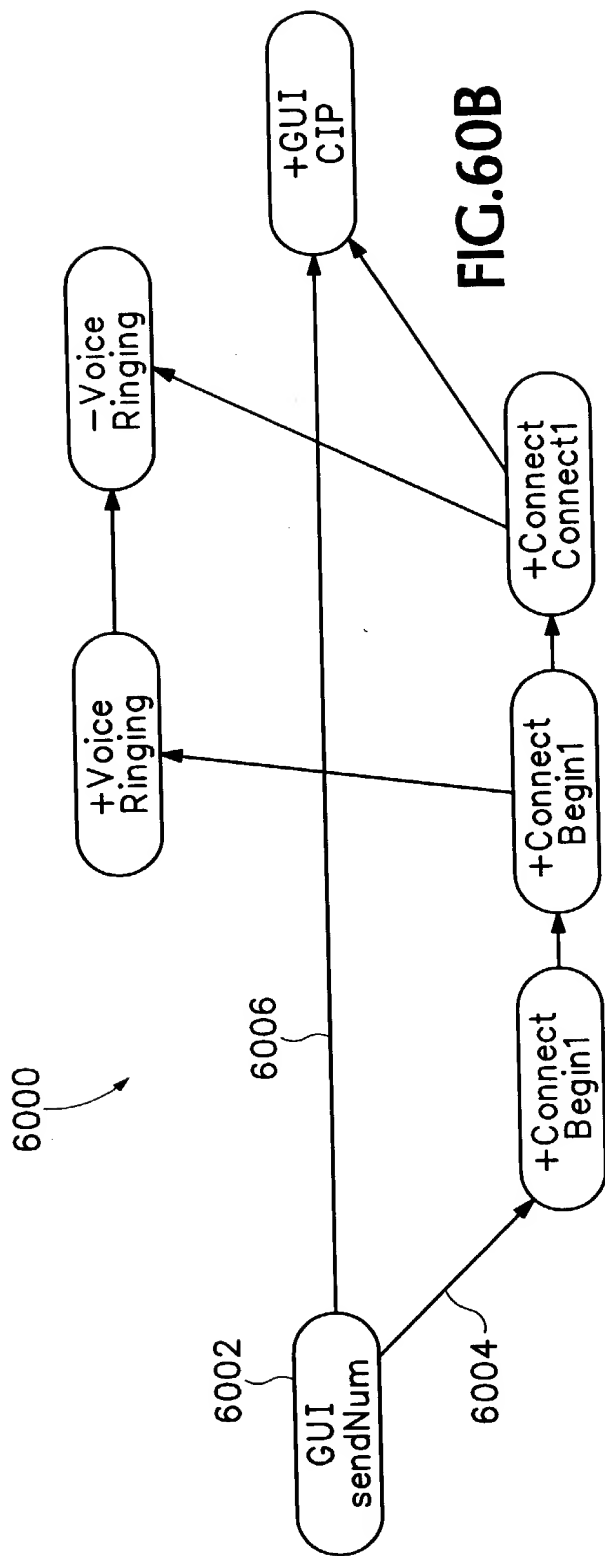


FIG.57





**FIG.60A**



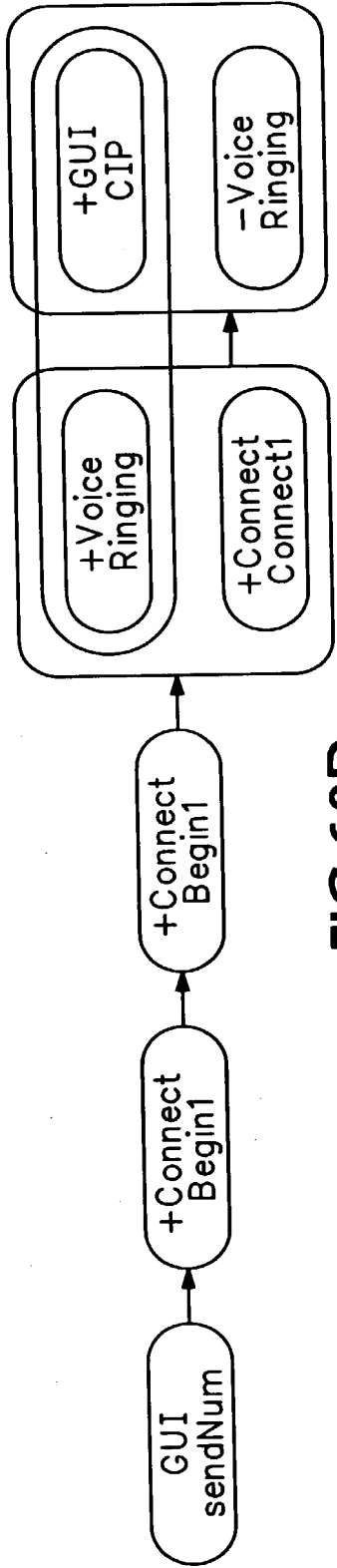


FIG. 60D

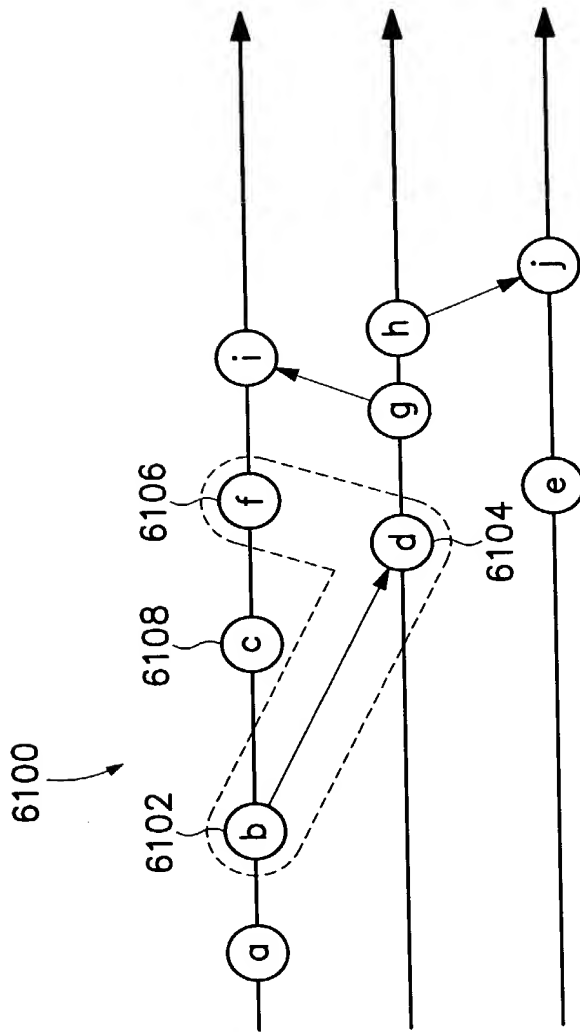
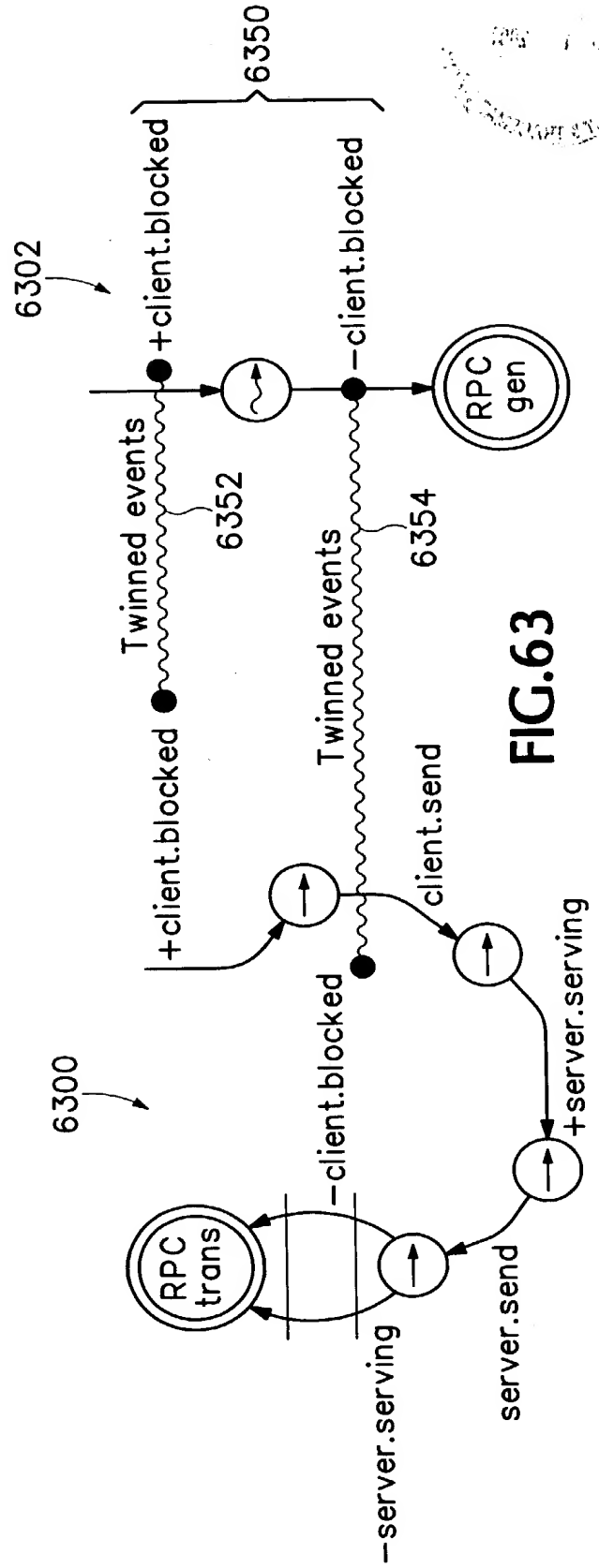
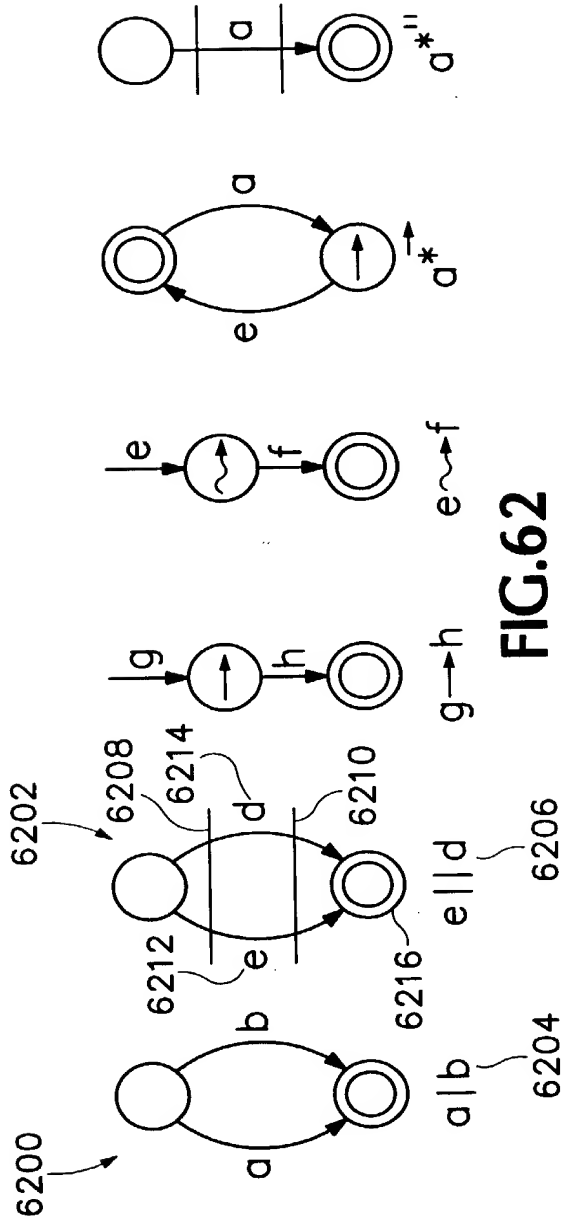
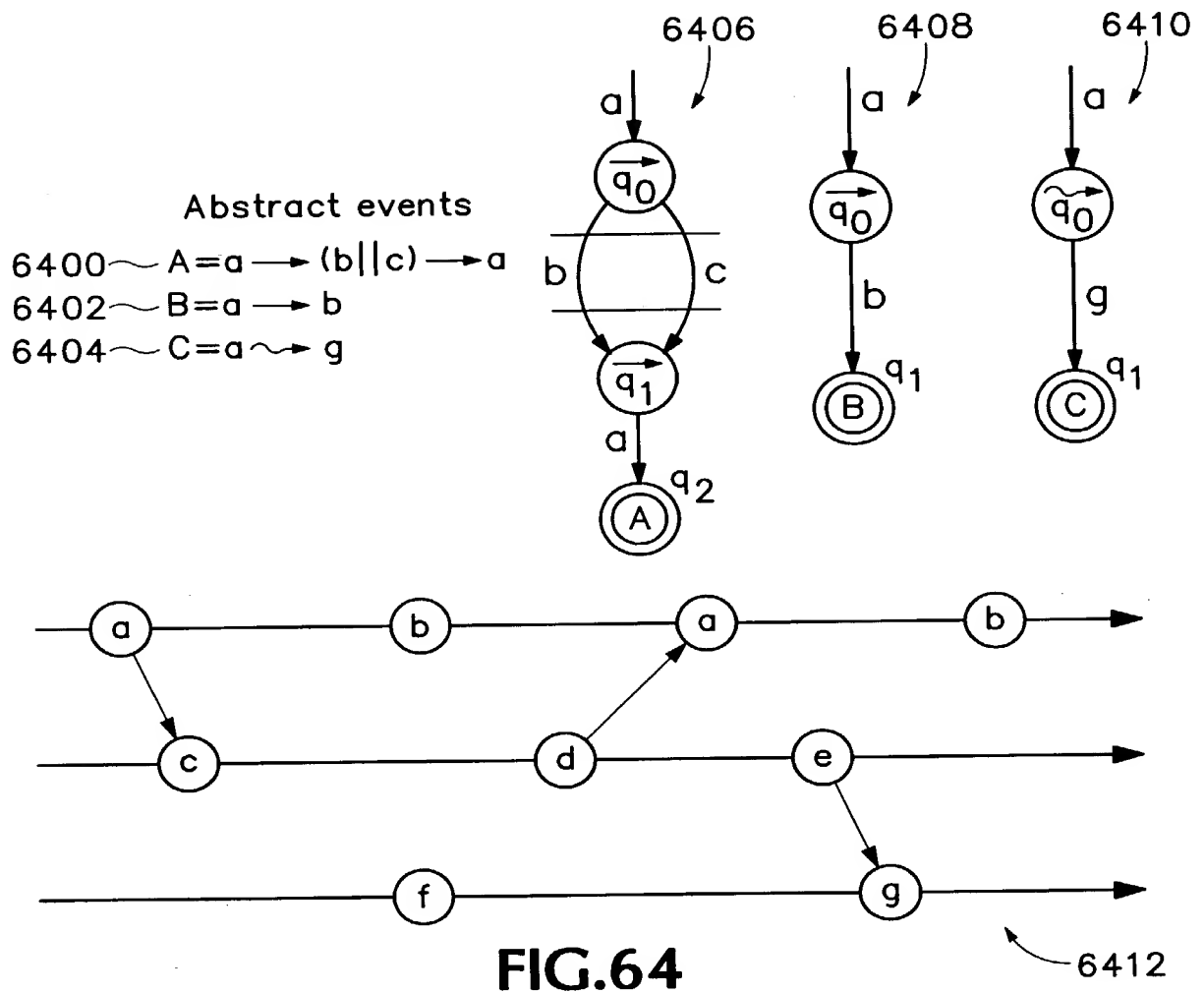
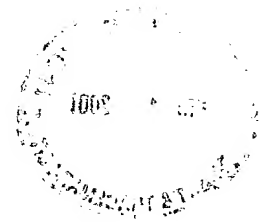


FIG. 61







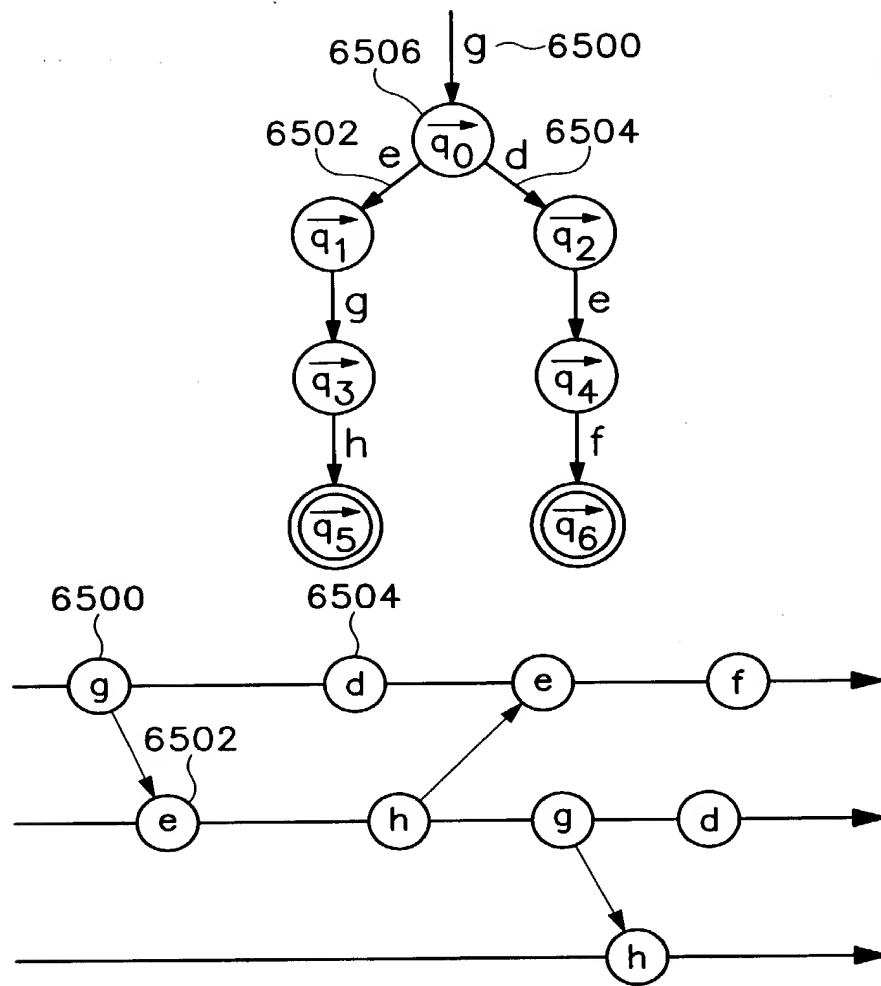


FIG.65

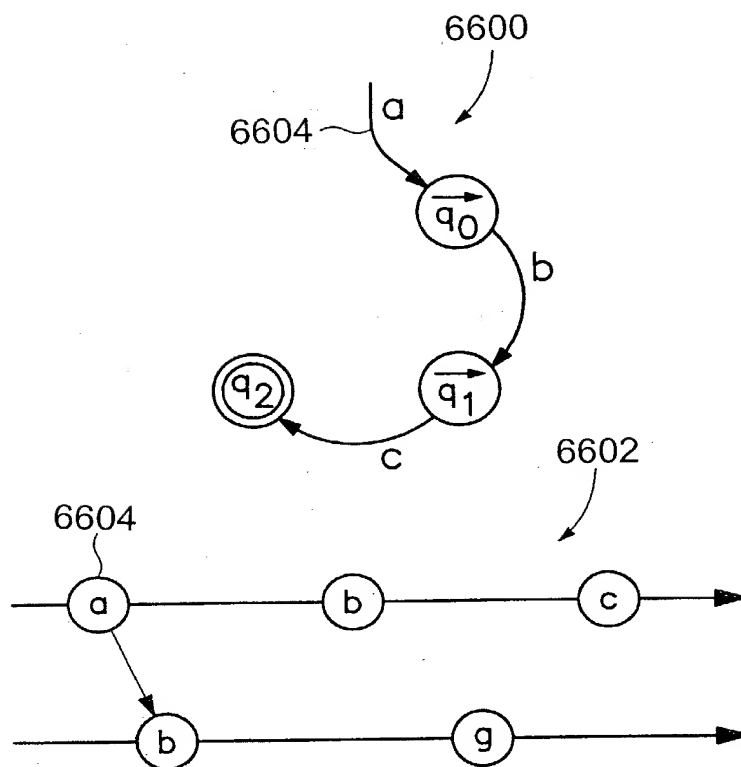


FIG.66